

INDUSTRIA MAIMERI S.P.A.
V IVORY BLACK 18535

Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
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Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: 18535
Product name V IVORY BLACK 18535

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Water colour.

1.3. Details of the supplier of the safety data sheet

Name INDUSTRIA MAIMERI S.P.A.
Full address Via Gianni Maimeri, 1
District and Country 20060 Mediglia (MI)
Italia
Tel. +39 02 906981
Fax +39 02 90698999

e-mail address of the competent person responsible for the Safety Data Sheet schedesicurezza@maimeri.it

Product distribution by INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4. Emergency telephone number

For urgent inquiries refer to
Australia : 131126
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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V IVORY BLACK	18535
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**V IVORY BLACK****18535**Revision nr.1
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Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	black
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	47,45 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**V IVORY BLACK****18535**Revision nr.1
Dated 19/6/2014
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Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**V IVORY BLACK****18535**Revision nr.1
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Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

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V PRIMARY RED-MAGENT	18256	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	18256	
Product name	V PRIMARY RED-MAGENT	18256
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126	
	USA: 1 800 222 1222	
	Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

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V PRIMARY RED-MAGENT 18256	
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
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<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

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V PRIMARY RED-MAGENT	18256	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	LIGHT RED
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	43,12 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

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V PRIMARY RED-MAGENT 18256**SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
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- TWA: Time-weighted average exposure limit
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INDUSTRIA MAIMERI S.P.A.Revision nr.1
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Page n. 6 / 6**V PRIMARY RED-MAGENT****18256****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
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12. Patty - Industrial Hygiene and Toxicology
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14. ECHA website

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This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

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V YELLOW OCHRE	18131	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	18131	
Product name	V YELLOW OCHRE	18131
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel.	+39 02 906981
	Fax	+39 02 90698999
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 2 / 6
V YELLOW OCHRE	18131
SECTION 4. First aid measures.	
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SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
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V YELLOW OCHRE	18131	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	LIGHT OCHRE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	50,25 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**V YELLOW OCHRE****18131**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
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5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**V YELLOW OCHRE****18131**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 1 / 6**V PRIMARY YELLOW****18116****Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: 18116
Product name V PRIMARY YELLOW 18116**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Intended use Water colour.

1.3. Details of the supplier of the safety data sheetName INDUSTRIA MAIMERI S.P.A.
Full address Via Gianni Maimeri, 1
District and Country 20060 Mediglia (MI)
Italia
Tel. +39 02 906981
Fax +39 02 90698999

e-mail address of the competent person responsible for the Safety Data Sheet schedesicurezza@maimeri.it

Product distribution by INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4. Emergency telephone numberFor urgent inquiries refer to
Australia : 131126
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 2 / 6
V PRIMARY YELLOW	18116
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 3 / 6
V PRIMARY YELLOW	18116	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	yellow
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,12 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**V PRIMARY YELLOW****18116**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
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- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
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- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 6 / 6**V PRIMARY YELLOW****18116****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
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Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 1 / 6
V PERMANENT ORANGE	18062	

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **18062**
 Product name **V PERMANENT ORANGE** **18062**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 2 / 6
V PERMANENT ORANGE	18062	
SECTION 4. First aid measures.		
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>		
SECTION 5. Firefighting measures.		
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>		
SECTION 6. Accidental release measures.		
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>		
SECTION 7. Handling and storage.		
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>		

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 3 / 6
V PERMANENT ORANGE	18062	
SECTION 8. Exposure controls/personal protection.		
8.1. Control parameters. Information not available.		
8.2. Exposure controls. Observance of safety measures used in handling chemical substances. RESPIRATORY PROTECTION None required. EYE PROTECTION None required. HAND PROTECTION None required. SKIN PROTECTION None required.		
SECTION 9. Physical and chemical properties.		
9.1. Information on basic physical and chemical properties.		
Appearance		paste
Colour		orange
Odour		ARABIC GUM
Odour threshold.		Not available.
pH.		
Melting point / freezing point.		Not available.
Initial boiling point.		Not available.
Boiling range.		Not available.
Flash point.	>	60 °C.
Evaporation Rate		Not available.
Flammability of solids and gases		Not available.
Lower inflammability limit.		Not available.
Upper inflammability limit.		Not available.
Lower explosive limit.		Not available.
Upper explosive limit.		Not available.
Vapour pressure.		Not available.
Vapour density		Not available.
Relative density.		0,2 Kg/l
Solubility		INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water		Not available.
Auto-ignition temperature.		Not available.
Decomposition temperature.		Not available.
Viscosity		35.000 / 40.000 cps
Explosive properties		Not available.
Oxidising properties		Not available.
9.2. Other information.		
Solid content.		45,20 %
VOC (Directive 1999/13/EC) :		0
VOC (volatile carbon) :		0
SECTION 10. Stability and reactivity.		
10.1. Reactivity. There are no particular risks of reaction with other substances in normal conditions of use.		
10.2. Chemical stability. The product is stable in normal conditions of use and storage.		
10.3. Possibility of hazardous reactions. No hazardous reactions are foreseeable in normal conditions of use and storage.		
10.4. Conditions to avoid. None in particular. However the usual precautions used for chemical products should be respected.		

INDUSTRIA MAIMERI S.P.A.

Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
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V PERMANENT ORANGE**18062****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
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- TWA: Time-weighted average exposure limit
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INDUSTRIA MAIMERI S.P.A.Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 6 / 6**V PERMANENT ORANGE****18062****SECTION 16. Other information. ... / >>**

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Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 1 / 6
V ULTRAMARINE DEEP	18392

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **18392**
 Product name **V ULTRAMARINE DEEP** **18392**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
 Full address **Via Gianni Maimeri, 1**
 District and Country **20060 Mediglia (MI) Italia**
 Tel. **+39 02 906981**
 Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 2 / 6
V ULTRAMARINE DEEP	18392
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

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SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP BLUE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	59,12 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

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V ULTRAMARINE DEEP**18392****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.Revision nr.1
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9. Handling Chemical Safety

10. Niosh - Registry of Toxic Effects of Chemical Substances

11. INRS - Fiche Toxicologique (toxicological sheet)

12. Patty - Industrial Hygiene and Toxicology

13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 1 / 6
V PRIMARY BLUE-CYAN	18400	
Information Sheet		
SECTION 1. Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Code:	18400	
Product name	V PRIMARY BLUE-CYAN 18400	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Intended use	Water colour.	
1.3. Details of the supplier of the safety data sheet		
Name	INDUSTRIA MAIMERI S.P.A.	
Full address	Via Gianni Maimeri, 1	
District and Country	20060 Mediglia	(MI)
	Italia	
	Tel. +39 02 906981	
	Fax +39 02 90698999	
e-mail address of the competent person responsible for the Safety Data Sheet	schedesicurezza@maimeri.it	
Product distribution by	INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY	
1.4. Emergency telephone number		
For urgent inquiries refer to	Australia : 131126 USA: 1 800 222 1222 Regno Unito NHS Direct (UK): +44 (0) 845 46 47	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.		
Hazard classification and indication:	--	
2.2. Label elements.		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
2.3. Other hazards.		
Information not available.		
SECTION 3. Composition/information on ingredients.		
3.1. Substances.		
Information not relevant.		
3.2. Mixtures.		
The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).		

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 2 / 6
V PRIMARY BLUE-CYAN	18400
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

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V PRIMARY BLUE-CYAN	18400	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	blue
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	48,15 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

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Dated 19/6/2014
Printed on 19/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

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Page n. 6 / 6**V PRIMARY BLUE-CYAN****18400****SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

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Dated 19/6/2014
Printed on 19/6/2014
Page n. 1 / 6**V PERMAN.GREEN DEEP****18340****Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: **18340**
Product name **V PERMAN.GREEN DEEP** **18340****1.2. Relevant identified uses of the substance or mixture and uses advised against**Intended use **Water colour.****1.3. Details of the supplier of the safety data sheet**Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI)**
Italia
Tel. **+39 02 906981**
Fax **+39 02 90698999**e-mail address of the competent person
responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY****1.4. Emergency telephone number**For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.Hazard classification and indication: **--****2.2. Label elements.**Hazard pictograms: **--**Signal words: **--**Hazard statements: **--**Precautionary statements: **--****2.3. Other hazards.**

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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V PERMAN.GREEN DEEP	18340
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 3 / 6
V PERMAN.GREEN DEEP	18340	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP GREEN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,16 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

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V PERMAN.GREEN DEEP**18340****SECTION 15. Regulatory information. ... / >>**

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV REACH).
None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.

Substances subject to the Rotterdam Convention:
None.

Substances subject to the Stockholm Convention:
None.

Healthcare controls.
Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
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- IMO: International Maritime Organization
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- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
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- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.
V SAP GREEN **18358**

Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 1 / 6

Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **18358**
Product name **V SAP GREEN** **18358**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use **Water colour.**

1.3. Details of the supplier of the safety data sheet

Name **INDUSTRIA MAIMERI S.P.A.**
Full address **Via Gianni Maimeri, 1**
District and Country **20060 Mediglia (MI) Italia**
Tel. **+39 02 906981**
Fax **+39 02 90698999**

e-mail address of the competent person responsible for the Safety Data Sheet **schedesicurezza@maimeri.it**

Product distribution by **INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY**

1.4. Emergency telephone number

For urgent inquiries refer to **Australia : 131126**
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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V SAP GREEN	18358
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**V SAP GREEN****18358**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	YELLOW GREEN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,29 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**V SAP GREEN****18358**Revision nr.1
Dated 19/6/2014
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Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**V SAP GREEN****18358**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.
V BURNT SIENNA 18278

Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
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Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: 18278
Product name: V BURNT SIENNA 18278

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Water colour.

1.3. Details of the supplier of the safety data sheet

Name: INDUSTRIA MAIMERI S.P.A.
Full address: Via Gianni Maimeri, 1
District and Country: 20060 Mediglia (MI) Italia
Tel.: +39 02 906981
Fax: +39 02 90698999

e-mail address of the competent person responsible for the Safety Data Sheet: schedesicurezza@maimeri.it

Product distribution by: INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4. Emergency telephone number

For urgent inquiries refer to:
Australia : 131126
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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V BURNT SIENNA	18278
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.		Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 3 / 6
V BURNT SIENNA	18278	

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	paste
Colour	DEEP OCHRE
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	51,41 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**V BURNT SIENNA****18278**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
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- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

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4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**V BURNT SIENNA****18278**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
11. INRS - Fiche Toxicologique (toxicological sheet)
12. Patty - Industrial Hygiene and Toxicology
13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

INDUSTRIA MAIMERI S.P.A.**V RAW SIENNA****18161**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 1 / 6**Information Sheet****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Code: 18161
Product name V RAW SIENNA 18161**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Intended use Water colour.

1.3. Details of the supplier of the safety data sheetName INDUSTRIA MAIMERI S.P.A.
Full address Via Gianni Maimeri, 1
District and Country 20060 Mediglia (MI)
Italia
Tel. +39 02 906981
Fax +39 02 90698999e-mail address of the competent person
responsible for the Safety Data Sheet
schedesicurezza@maimeri.itProduct distribution by
INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA
(MI) ITALY**1.4. Emergency telephone number**For urgent inquiries refer to
Australia : 131126
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47**SECTION 2. Hazards identification.****2.1. Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

INDUSTRIA MAIMERI S.P.A.	Revision nr.1 Dated 19/6/2014 Printed on 19/6/2014 Page n. 2 / 6
V RAW SIENNA	18161
SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**V RAW SIENNA****18161**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	ochre
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	51,15 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

INDUSTRIA MAIMERI S.P.A.**V RAW SIENNA****18161**Revision nr.1
Dated 19/6/2014
Printed on 19/6/2014
Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
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- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
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- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
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- VOC: Volatile organic Compounds
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6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

INDUSTRIA MAIMERI S.P.A.**V RAW SIENNA****18161**Revision nr.1
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Page n. 6 / 6**SECTION 16. Other information. ... / >>**

9. Handling Chemical Safety
10. Niosh - Registry of Toxic Effects of Chemical Substances
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13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
14. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 12 / 15 / 16.

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Information Sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: 18493
Product name: V RAW UMBER 18493

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Water colour.

1.3. Details of the supplier of the safety data sheet

Name: INDUSTRIA MAIMERI S.P.A.
Full address: Via Gianni Maimeri, 1
District and Country: 20060 Mediglia (MI) Italia
Tel. +39 02 906981
Fax +39 02 90698999

e-mail address of the competent person responsible for the Safety Data Sheet: schedesicurezza@maimeri.it

Product distribution by: INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4. Emergency telephone number

For urgent inquiries refer to:
Australia : 131126
USA: 1 800 222 1222
Regno Unito NHS Direct (UK): +44 (0) 845 46 47

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication: --

2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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SECTION 4. First aid measures.	
<p>4.1. Description of first aid measures. Not specifically necessary. Observance of good industrial hygiene is recommended.</p> <p>4.2. Most important symptoms and effects, both acute and delayed. No episodes of damage to health ascribable to the product have been reported.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed. Information not available.</p>	
SECTION 5. Firefighting measures.	
<p>5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.</p> <p>5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.</p> <p>5.3. Advice for firefighters. GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>	
SECTION 6. Accidental release measures.	
<p>6.1. Personal precautions, protective equipment and emergency procedures. Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.</p> <p>6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p> <p>6.3. Methods and material for containment and cleaning up. Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> <p>6.4. Reference to other sections. Any information on personal protection and disposal is given in sections 8 and 13.</p>	
SECTION 7. Handling and storage.	
<p>7.1. Precautions for safe handling. Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities. Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.</p> <p>7.3. Specific end use(s). Information not available.</p>	

INDUSTRIA MAIMERI S.P.A.**V RAW UMBER****18493**Revision nr.1
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Page n. 3 / 6**SECTION 8. Exposure controls/personal protection.****8.1. Control parameters.**

Information not available.

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Appearance	paste
Colour	DEEP BROWN
Odour	ARABIC GUM
Odour threshold.	Not available.
pH.	
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0,2 Kg/l
Solubility	INSOLUBLE, DILUTE WITH WATER
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	35.000 / 40.000 cps
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Solid content.	46,28 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

SECTION 10. Stability and reactivity.**10.1. Reactivity.**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

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Page n. 5 / 6**SECTION 15. Regulatory information. ... / >>**Substances in Candidate List (Art. 59 REACH).
None.Substances subject to authorisation (Annex XIV REACH).
None.Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:
None.Substances subject to the Rotterdam Convention:
None.Substances subject to the Stockholm Convention:
None.Healthcare controls.
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
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