

00397-5160

MAIMERI S.p.A.		Revision nr.20 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1 / 4	
V CERULEAN		18416	
Safety Data Sheet			
1. Identification of the substance / preparation and the Company			
1.1 Identification of the substance or preparation			
Code:	18416		
Product name	V CERULEAN	18416	
1.2 Use of the substance / preparation			
Intended use	Water colour		
1.3 Company identification			
Name	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@maimerispa.it		
Product distribution by	MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY		
1.4 Emergency telephone			
For urgent inquiries refer to	+39 02 906981		
2. Hazards Identification.			
2.1 Substance/Preparation Classification.			
This product is dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Therefore, this product requires a safety data sheet according to the Regulation (EC) 1907/2006 and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.			
Danger Symbols:	N		
R phrases:	50/53		
2.2 Danger Identification.			
VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.			
3. Composition / Information on ingredients.			
Contains:			
Name.	Concentration % (C).	Classification.	
OSSIDO DI ZINCO	30<= C <32,5	N R 50/53	
C.A.S. number	1314-13-2		
INDEX number	PW 4		
The complete text of -R- phrases is specified in section 16.			
4. First aid measures.			
No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.			

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<p>5. Fire-fighting measures.</p> <p>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.</p> <p>SUITABLE EXTINGUISHING MEDIA The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.</p> <p>EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS None in particular.</p> <p>HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).</p> <p>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.</p>		
<p>6. Accidental release measures.</p> <p>PERSONAL PRECAUTIONS Use breathing equipment if fumes or powders are released into the air.</p> <p>ENVIRONMENTAL PRECAUTIONS The product must not penetrate the sewers, surface water, ground water and neighbouring areas.</p> <p>METHODS FOR 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>7. Handling and storage.</p> <p>Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.</p>		
<p>8. Exposure control / personal protection.</p> <p>8.1 Exposure limit values.</p> <p>Not available.</p> <p>8.2 Exposure controls.</p> <p>As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well aired through effective local aspiration or bad air vent.</p> <p>HAND PROTECTION Protect hands with category I (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in latex, PVC or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure.</p> <p>SKIN PROTECTION Wear category I professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls.</p> <p>RESPIRATORY PROTECTION If the threshold value for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company's prevention and protection service is exceeded, wear a mask with an B or universal filter, the class (1, 2 or 3) of which must be chosen according to the limit concentration of use (ref. standard EN 141).</p> <p>The use of breathing protection equipment, such as masks with organic vapour and dust/mist cartridges, is necessary in the absence of technical measures limiting worker exposure. The protection provided by masks is in any case limited.</p> <p>If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in the event of an emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained, open-circuit compressed air breathing apparatus (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138).</p> <p>EYE PROTECTION Use of protective airtight goggles (ref. standard EN 166) recommended.</p>		

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9. Physical and chemical properties.

Colour	SKY BLUE
Odour	ARABIC GUM
Appearance	PASTE
Solubility	INSOLUBLE, DILUTE WITH WATER
Viscosity	20000 cps
Vapour density	Not available.
Evaporation Rate	Not available.
Reactive Properties	Not available.
Partition coefficient: n-octanol/water	Not available.
pH	
Boiling point.	Not available.
Flash point.	> 61 °C.
Explosive properties.	Not available.
Vapour pressure.	Not available.
Specific gravity.	0,2 Kg/l
Solid content:	59,73 %
VOC (Directive 1999/13/EC) :	0
VOC (volatile carbon) :	0

10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

12. Ecological information.

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it may even have negative effects on aquatic environment.

13. Disposal consideration.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.
 Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
CONTAMINATED PACKAGING
 Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. Transport information.

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations. These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport:



ADR/RID Class:	9	UN:	3082		
Packing Group:	III				
Label:	9				
Nr. Kemler:	90				
Limited Quantity:	LQ07				
Tunnel restriction code:	(E)				
Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s. (OSSIDO DI ZINCO)				






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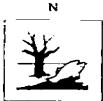
Carriage by sea (shipping):

IMO Class:	9	UN:	3082		
Packing Group:	III				
Label:	9				
EMS:	F-A, S-F				
Marine Pollutant:	YES				
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (OSSIDO DI ZINCO)				

Transport by air:

IATA:	9	UN:	3082		
Packing Group:	III				
Label:	9				
Cargo:					
Packaging instructions:	914	Maximum quantity:	450 L		
Pass.:					
Packaging instructions:	914	Maximum quantity:	450 L		
Special Instructions:	A97, A158				
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (OSSIDO DI ZINCO)				

15. Regulatory information.



DANGEROUS FOR THE ENVIRONMENT

R 50/53	VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
S 2	KEEP OUT OF THE REACH OF CHILDREN.
S 29	DO NOT EMPTY INTO DRAINS.
S 46	IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.
S 61	AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEETS.

Danger labelling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments.

16. Other information.

Text of (R) phrases quoted in section 3 of the sheet.

R 50/53	VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
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GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments;
2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
5. The Merck Index. - 10th Edition;
6. Handling Chemical Safety;
7. Niosh - Registry of Toxic Effects of Chemical Substances;
8. INRS - Fiche Toxicologique (toxicological sheet);
9. Patty - Industrial Hygiene and Toxicology;
10. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition;

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.

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