

40327-2009



## SAFETY DATA SHEET (GHS)

### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product / Chemical Name:**

Sgreen Degreaser

**Other Means Of Identification:**

Screen degreaser.

**Recommended Use Of The Product / Chemical And Restrictions On Use:**

Use to degrease screen mesh used in the process of screen printing.

**Manufacturer / Company Information:**

Ryonet Corporation  
Vancouver, WA 98682  
Toll-free: 1-800-314-6390  
International: 1-360-576-7188  
Fax: 1-360-546-1454

**For Chemical Emergency - Spill, Leak, Fire, Exposure, or Accident Call:**

CHEMTREC Day or Night: Within USA and Canada: 1-800-424-9300  
CCN717946 or +1 703-527-3887 (collect calls accepted)

Health: 1  
Flammability: 0  
Reactivity: 0  
Special: 0

**NFPA HAZARD RATING**  
4 - Extreme  
3 - High  
2 - Moderate  
1 - Slight  
0 - Insignificant

### Section 2: HAZARD IDENTIFICATION

**Classification Of Product / Chemical Mixture And Any National or Regional Information:**

None known.

**GHS Statements:**

GHS Signal Word: WARNING

GHS Hazard Phrases: (H316) Causes mild skin irritation. (H320) Causes eye irritation. (H303) May be harmful if swallowed.



WARNING

**Other Hazards Which Do Not Result In Classification:**

None known.



## SAFETY DATA SHEET (GHS)

### Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Percent</u>
H2O	--	95-99%
Surfactant Blend	68439-46-3	1-2%
Frangrance	--	<.01%

#### Other Chemical Information:

### Section 4: FIRST AID MEASURES

#### Necessary Measures For Routes Of Exposure:

**Inhalation:**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin:**

If skin irritation occurs, get medical advice/attention.

**Eyes:**

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**Ingestion:**

Rinse mouth. Call a doctor/physician if you feel unwell.

#### Important Symptoms/Effects, Acute and Delayed:

Specific data not available.

#### Immediate Medical Attention And Special Treatment Needed:

Specific data not available.



## SAFETY DATA SHEET (GHS)

### Section 5: FIRE FIGHTING MEASURES

**Suitable (and unsuitable) Extinguishing Media:**

Alcohol foam, CO2, Dry chemical.

**Hazards Arising From The Product/Chemical (e.g., nature of any hazardous combustion products):**

None known

**Special Fire Fighting Procedures:**

Use water spray to cool containers.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear protective clothing.

**Environmental Precautions:**

Specific data not available.

**Methods and Materials for Containment and Cleaning Up:**

Contain the spill and hold for disposal.

### Section 7: HANDLING AND STORAGE

**Precautions For Safe Handling:**

Normal care in handling & storage.

**Conditions For Safe Storage, Including Any Incompatibilities:**

Specific data not available.



## SAFETY DATA SHEET (GHS)

### Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Control Parameters, e.g., Occupational Exposure Limit Values or Biological Limit Values:**

Specific data not available.

**Appropriate Engineering Controls:**

Not required. Mechanical generally sufficient.

**Individual Protective Measures, Such As Personal Protective Equipment:**

Safety glasses, or chemical goggles.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Clear liquid.	Flammability (solid, gas):	Specific data not available.
Odor:	Light pleasant odor.	Upper/Lower Flammability or Explosive Limits:	Specific data not available.
Odor Threshold:	Specific data not available.	Vapor Pressure:	Specific data not available.
pH:	6.20	Vapor Density:	Estimated heavier than air.
Freezing / Melting Point:	below 32°f	Relative Density:	Specific data not available.
Boiling Point and Boiling Range:	Over 300°f	Partition Coefficient (n-octanol/water):	Specific data not available.
Flash Point:	Not flammable	Autoignition Temperature:	Specific data not available.
Evaporation Rate:	Less than 1 (n-butyl acetate=1)	Decomposition Temperature:	Specific data not available.
Solubility:	Complete	VOC:	0.06 %, .01 lb/g, 1.20 g/l



## SAFETY DATA SHEET (GHS)

### Section 10: STABILITY AND REACTIVITY

**Chemical Stability:**

Stable

**Possibility Of Hazardous Reactions:**

Will not occur.

**Conditions To Avoid (e.g., static discharge, shock or vibration):**

Strong oxidizing agents.

**Incompatible Materials:**

Specific data not available.

**Hazardous Decomposition Products:**

Use water spray to cool fire exposed containers.

### Section 11: TOXICOLOGICAL INFORMATION

**Information On The Likely Routes Of Exposure (inhalation, ingestion, skin and eye contact):**

SKIN: (H316) Causes mild skin irritation.

EYE: (H320) Causes eye irritation.

INGESTION: (303) May be harmful if swallowed.

**Symptoms Related To The Physical, Chemical and Toxicological Characteristics:**

Not listed by NTP, IARC, OSHA.



## SAFETY DATA SHEET (GHS)

### **Delayed and Immediate Effects and Also Chronic Effects From Short- and Long-Term Exposure:**

Specific data not available.

### **Numerical Measures Of Toxicity (such as acute toxicity estimates):**

Specific data not available.

## Section 12: ECOLOGICAL INFORMATION

### **Ecotoxicity (aquatic and terrestrial, where available):**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### **Persistence and Degradability:**

Specific data not available.

### **Bioaccumulative Potential:**

Specific data not available.

### **Mobility In Soil:**

Specific data not available.

### **Other Adverse Effects:**

Specific data not available.



## SAFETY DATA SHEET (GHS)

### Section 13: DISPOSAL CONSIDERATIONS

**Description Of Waste Residues and Information On Their Safe Handling and Methods Of Disposal, Including The Disposal Of Any Contaminated Packaging:**

Contaminated absorbent material may be disposed of in an approved landfill. Dispose of in accordance with all existing local, state, and federal ordinances.

### Section 14: TRANSPORT INFORMATION

**UN Number:**

N/A, non-regulated

**UN Proper Shipping Name:**

Non-Regulated

**Transport Hazard Class(es):**

Not a DOT controlled material

**Packing Group (if applicable):**

III

**Marine Pollutant (Yes/No):**

Specific data not available.

**Special Precautions Which User Needs To Be Aware Of / Or Comply With In Connection With Transport Or Conveyance Either Within Or Outside Their Premises:**

Specific data not available.

### Section 15: REGULATORY INFORMATION

**SARA 302/304**

This product contains no known chemicals regulated under SARA 302/304.

**SARA 313**

This product contains the following chemicals subject to reporting requirements of SARA Title I.I.I. Section Section 313 and 40 CFR 372: 1,4-Dioxane (<1%) CAS# 123-91-1; Methanol (<1%) CAS# 67-56-1

### Section 16: OTHER INFORMATION

CALF: This product can expose you to 1,4-Dioxane known to the state of California to cause cancer and to Methanol known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## SAFETY DATA SHEET (GHS)

### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product / Chemical Name:**

Sgreen Emulsion Stripper Emulsion Remover

**Other Means Of Identification:**

Stencil and emulsion remover

**Recommended Use Of The Product / Chemical And Restrictions On Use:**

Removes emulsions, films and stencils from screens used in the process of screen printing.

**Manufacturer / Company Information:**

Ryonet Corporation  
Vancouver, WA 98682  
Toll-free: 1-800-314-6390  
International: 1-360-576-7188  
Fax: 1-360-546-1454

**For Chemical Emergency - Spill, Leak, Fire, Exposure, or Accident Call:**

CHEMTREC Day or Night: Within USA and Canada: 1-800-424-9300  
CCN717946 or +1 703-527-3887 (collect calls accepted)

Health: 2  
Flammability: 1  
Reactivity: 0  
Special: 0

**NFPA HAZARD RATING**  
4 - Extreme  
3 - High  
2 - Moderate  
1 - Slight  
0 - Insignificant

### Section 2: HAZARD IDENTIFICATION

**Classification Of Product / Chemical Mixture And Any National or Regional Information:**

**GHS Statements:**

GHS Signal Word: WARNING

GHS Hazard Phrases: (H315) Causes skin irritation. (H319) Causes serious eye irritation. (H333) May be harmful if inhaled. (H302) Harmful if swallowed.



WARNING

**Other Hazards Which Do Not Result In Classification:**



**SAFETY DATA SHEET (GHS)****Section 3: COMPOSITION, INFORMATION ON INGREDIENTS**

<b><u>Ingredient Name</u></b>	<b><u>CAS Number</u></b>	<b><u>Percent</u></b>
H2O	---	82-90%
Anionic Sodium Salt Surfactant	119345-04-9	6-10%
Periodic Acid	10450-60-9	3-7%

**Other Chemical Information:****Section 4: FIRST AID MEASURES****Necessary Measures For Routes Of Exposure:****Inhalation:**

Remove person to fresh air. Call a doctor/physician if you feel unwell.

**Skin:**

Take off all contaminated clothing and wash before reuse.

**Eyes:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, call a doctor/physician.

**Ingestion:**

Rinse mouth. Call a doctor/physician.

**Important Symptoms/Effects, Acute and Delayed:**

Specific data not available.

**Immediate Medical Attention And Special Treatment Needed:**

Specific data not available.



## SAFETY DATA SHEET (GHS)

### Section 5: FIRE FIGHTING MEASURES

**Suitable (and unsuitable) Extinguishing Media:**

As appropriate to the surrounding fires.

**Hazards Arising From The Product/Chemical (e.g., nature of any hazardous combustion products):**

Specific data not available.

**Special Fire Fighting Procedures:**

Move exposed containers from fire area if it can be done without risk.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Accidental spills, wear protective clothing. Contain the spill. Return to a suitable container. Hold for disposal.

**Environmental Precautions:**

Specific data not available.

**Methods and Materials for Containment and Cleaning Up:**

Specific data not available.

### Section 7: HANDLING AND STORAGE

**Precautions For Safe Handling:**

Wear eye protection/face protection. Normal care in handling. Keep out of reach of children.

**Conditions For Safe Storage, Including Any Incompatibilities:**

Normal care for storage.



## SAFETY DATA SHEET (GHS)

### Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Control Parameters, e.g., Occupational Exposure Limit Values or Biological Limit Values:**

Specific data not available.

**Appropriate Engineering Controls:**

Not required. Mechanical generally sufficient.

**Individual Protective Measures, Such As Personal Protective Equipment:**

Wear eye protection/face protection.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Milky white, slightly viscous liquid	Flammability (solid, gas):	None known.
Odor:	Mild odor.	Upper/Lower Flammability or Explosive Limits:	Specific data not available.
Odor Threshold:	Specific data not available.	Vapor Pressure:	Specific data not available.
pH:	3.08	Vapor Density:	Specific data not available.
Freezing / Melting Point:	Below 32°F	Relative Density:	Specific data not available.
Boiling Point and Boiling Range:	>212°F	Partition Coefficient (n-octanol/water):	Specific data not available.
Flash Point:	None	Autoignition Temperature:	Specific data not available.
Evaporation Rate:	Less than 1 (n-butyl acetate=1)	Decomposition Temperature:	Specific data not available.
Solubility:	Complete	VOC:	<1% 5.49 lb/g 0.05 g/l



## SAFETY DATA SHEET (GHS)

### Section 10: STABILITY AND REACTIVITY

**Chemical Stability:**

Stable

**Possibility Of Hazardous Reactions:**

Will not occur under normal conditions.

**Conditions To Avoid (e.g., static discharge, shock or vibration):**

Will darken when exposed to light. Contact with other materials could cause fire.

**Incompatible Materials:**

Specific data not available.

**Hazardous Decomposition Products:**

Combustion may result in release of toxic/hazardous gases of iodine or hydrogen iodide.

### Section 11: TOXICOLOGICAL INFORMATION

**Information On The Likely Routes Of Exposure (inhalation, ingestion, skin and eye contact):**

SKIN: (H315) Causes skin irritation.

EYE: (H319) Causes serious eye irritation.

INHALATION: (H333) May be harmful if inhaled.

INGESTION: (H302) Harmful if swallowed.

**Symptoms Related To The Physical, Chemical and Toxicological Characteristics:**

Specific data not available.



## SAFETY DATA SHEET (GHS)

### **Delayed and Immediate Effects and Also Chronic Effects From Short- and Long-Term Exposure:**

Specific data not available.

### **Numerical Measures Of Toxicity (such as acute toxicity estimates):**

Specific data not available.

## Section 12: ECOLOGICAL INFORMATION

### **Ecotoxicity (aquatic and terrestrial, where available):**

Specific data not available.

### **Persistence and Degradability:**

Specific data not available.

### **Bioaccumulative Potential:**

Specific data not available.

### **Mobility In Soil:**

Specific data not available.

### **Other Adverse Effects:**

Specific data not available.



## SAFETY DATA SHEET (GHS)

### Section 13: DISPOSAL CONSIDERATIONS

**Description Of Waste Residues and Information On Their Safe Handling and Methods Of Disposal, Including The Disposal Of Any Contaminated Packaging:**

Dispose of in accordance with all existing local, state, and federal ordinances.

### Section 14: TRANSPORT INFORMATION

**UN Number:**

UN3264

**UN Proper Shipping Name:**

Corrosive Liquid (Periodic Acid), Mixture, Acidic, Inorganic, N.O.S

**Transport Hazard Class(es):**

8

**Packing Group (if applicable):**

III

**Marine Pollutant (Yes/No):**

NO

**Special Precautions Which User Needs To Be Aware Of / Or Comply With In Connection With Transport Or Conveyance Either Within Or Outside Their Premises:**

Specific data not available.

### Section 15: REGULATORY INFORMATION

**SARA 302/304**

This product contains no known chemicals regulated under SARA 302/304.

**SARA 313**

This product contains the following chemicals subject to reporting requirements of SARA Title I.I. Section Section 313 and 40 CFR 372: 1,4-Dioxane (<1%) CAS# 123-91-1; methanol (<1%) CAS# 67-56-1

### Section 16: OTHER INFORMATION

CALF: This product can pose you to 1,4-Dioxane known to the state of California to cause cancer and to Methanol known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Safety Data Sheet

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

#### 1.1. Product identifier

Product name **PITCH BLACK**

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

Intended use **Textile industry.**

#### 1.3. Details of the supplier of the safety data sheet

Name **ACHITEX MINERVA S.p.A.**  
Full address **Via Degli Artigiani n.6**  
District and Country **26010 Vaiano Cremasco (CR)  
Italia**

Tel. **+390373279711**

Fax **+390373279775**

e-mail address of the competent person responsible for the Safety Data Sheet

**sds@gruppoachitex.com**

#### 1.4. Emergency telephone number

For urgent inquiries refer to **ACHITEX MINERVA S.p.a.: tel. +390373279711 (only office hours)  
Centro Antiveleni Ospedale Milano Niguarda: tel. +390266101029**

### 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). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2015/830.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210**

Safety data sheet available on request.

**EUH208**

Contains: Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-benzisothiazol-3(2H)-one

May produce an allergic reaction.

Precautionary statements: --

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

### SECTION 3. Composition/information on ingredients

Water dispersion of acrylic polymers and pigments.

#### 3.1. Substances

**SECTION 3. Composition/information on ingredients ... / >>**

Information not relevant

**3.2. Mixtures****Contains:****Identification**                      **x = Conc. %**                      **Classification 1272/2008 (CLP)****PEG mono (tristyrylphenyl) ether**

CAS                      99734-09-5      1 ≤ x &lt; 5

EC

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**1,2-benzisothiazol-3(2H)-one**

CAS                      2634-33-5      0 ≤ x &lt; 0,05

EC                      220-120-9

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**Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)**

CAS                      55965-84-9      0 ≤ x &lt; 0,0015

EC                      611-341-5

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**Aquatic Chronic 3 H412****Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411****Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1**

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures****4.1. Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

**4.2. Most important symptoms and effects, both acute and delayed**

Specific information on symptoms and effects caused by the product are unknown.

**4.3. Indication of any immediate medical attention and special treatment needed**

Information not available

**SECTION 5. Firefighting measures****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.

**5.2. Special hazards arising from the substance or mixture**

## HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

**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).



## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 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. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Store at a temperature between 5°C and 40°C.

### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Information not available

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

**SECTION 8. Exposure controls/personal protection ... / >>**

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

**ENVIRONMENTAL EXPOSURE CONTROLS**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

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

Appearance	paste
Colour	black
Odour	slight characteristic odour
Odour threshold	Not available
pH	8 - 10
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	Not available
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	1,10 g/cm <sup>3</sup>
Solubility	miscible with water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

**9.2. Other information**

Information not available

**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.

**10.5. Incompatible materials**

## SECTION 10. Stability and reactivity ... / >>

Information not available

### 10.6. Hazardous decomposition products

Information not available

## SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Acute oral toxicity (rat) LD50 > 2000 mg/Kg (based on components).

### 11.1. Information on toxicological effects

#### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

#### Information on likely routes of exposure

Information not available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

#### Interactive effects

Information not available

#### ACUTE TOXICITY

LC50 (Inhalation - vapours) of the mixture:	Not classified (no significant component)
LC50 (Inhalation - mists / powders) of the mixture:	Not classified (no significant component)
LD50 (Oral) of the mixture:	Not classified (no significant component)
LD50 (Dermal) of the mixture:	Not classified (no significant component)

#### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-benzisothiazol-3(2H)-one

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

**SECTION 11. Toxicological information** ... / >>

Does not meet the classification criteria for this hazard class

**STOT - REPEATED EXPOSURE**

Does not meet the classification criteria for this hazard class

**ASPIRATION HAZARD**

Does not meet the classification criteria for this hazard class

**SECTION 12. Ecological information**

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

**12.1. Toxicity**

Information not available

**12.2. Persistence and degradability**

Information not available

**12.3. Bioaccumulative potential**

Information not available

**12.4. Mobility in soil**

Information not available

**12.5. Results of PBT and vPvB assessment**

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

**12.6. Other adverse effects**

Information not available

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
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.

**SECTION 14. Transport information**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

**14.1. UN number**

Not applicable

**14.2. UN proper shipping name**

Not applicable

**SECTION 14. Transport information ... / >>****14.3. Transport hazard class(es)**

Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Information not relevant

**SECTION 15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Seveso Category - Directive 2012/18/EC: NoneRestrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006  
NoneSubstances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

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**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>Acute Tox. 2</b>	Acute toxicity, category 2
<b>Acute Tox. 3</b>	Acute toxicity, category 3
<b>Acute Tox. 4</b>	Acute toxicity, category 4
<b>Skin Corr. 1B</b>	Skin corrosion, category 1B
<b>Eye Dam. 1</b>	Serious eye damage, category 1
<b>Skin Irrit. 2</b>	Skin irritation, category 2
<b>Skin Sens. 1</b>	Skin sensitization, category 1
<b>Skin Sens. 1A</b>	Skin sensitization, category 1A
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment, acute toxicity, category 1
<b>Aquatic Chronic 1</b>	Hazardous to the aquatic environment, chronic toxicity, category 1
<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment, chronic toxicity, category 2

**SECTION 16. Other information ... / >>**

<b>Aquatic Chronic 3</b>	Hazardous to the aquatic environment, chronic toxicity, category 3
<b>H330</b>	Fatal if inhaled.
<b>H301</b>	Toxic if swallowed.
<b>H311</b>	Toxic in contact with skin.
<b>H331</b>	Toxic if inhaled.
<b>H302</b>	Harmful if swallowed.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H318</b>	Causes serious eye damage.
<b>H315</b>	Causes skin irritation.
<b>H317</b>	May cause an allergic skin reaction.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H411</b>	Toxic to aquatic life with long lasting effects.
<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>EUH210</b>	Safety data sheet available on request.

**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
- WGK: Water hazard classes (German).

**GENERAL BIBLIOGRAPHY**

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament
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- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website

**SECTION 16. Other information** ... / >>

- ECHA website- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

**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 / 03 / 04 / 08 / 09 / 11 / 14 / 15 / 16.

## Safety Data Sheet

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

#### 1.1. Product identifier

Product name **MARS RED**

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

Intended use **Textile industry.**

#### 1.3. Details of the supplier of the safety data sheet

Name **ACHITEX MINERVA S.p.A.**  
Full address **Via Degli Artigiani n.6**  
District and Country **26010 Vaiano Cremasco (CR)  
Italia**

Tel. **+390373279711**

Fax **+390373279775**

e-mail address of the competent person responsible for the Safety Data Sheet

**sds@gruppoachitex.com**

#### 1.4. Emergency telephone number

For urgent inquiries refer to **ACHITEX MINERVA S.p.a.: tel. +390373279711 (only office hours)  
Centro Antiveleni Ospedale Milano Niguarda: tel. +390266101029**

### 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). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2015/830.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210**

Safety data sheet available on request.

**EUH208**

Contains: Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-benzisothiazol-3(2H)-one

May produce an allergic reaction.

Precautionary statements: --

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

### SECTION 3. Composition/information on ingredients

Water dispersion of acrylic polymers and pigments.

#### 3.1. Substances

Information not relevant



**SECTION 3. Composition/information on ingredients ... / >>****3.2. Mixtures**

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
<b>PEG mono (tristyrylphenyl) ether</b>		
CAS	99734-09-5 1 ≤ x < 5	<b>Aquatic Chronic 3 H412</b>
EC		
INDEX		
<b>1,2-benzisothiazol-3(2H)-one</b>		
CAS	2634-33-5 0 ≤ x < 0,05	<b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411</b>
EC	220-120-9	
INDEX		
<b>Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)</b>		
CAS	55965-84-9 0 ≤ x < 0,0015	<b>Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>
EC	611-341-5	
INDEX		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures****4.1. Description of first aid measures**

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

**4.2. Most important symptoms and effects, both acute and delayed**

Specific information on symptoms and effects caused by the product are unknown.

For symptoms and effects caused by the contained substances, see section 11.

**4.3. Indication of any immediate medical attention and special treatment needed**

Information not available

**SECTION 5. Firefighting measures****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.

**5.2. Special hazards arising from the substance or mixture**

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

**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).

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent

## SECTION 6. Accidental release measures ... / >>

any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 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. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Store at a temperature between 5°C and 40°C.

### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Information not available

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	paste
Colour	red
Odour	slight characteristic odour
Odour threshold	Not available
pH	8 - 10
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	Not available
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	1,10 g/cm <sup>3</sup>
Solubility	miscible with water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

### 9.2. Other information

Information not available

## 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.

### 10.5. Incompatible materials

Information not available

### 10.6. Hazardous decomposition products

Information not available

## SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

### 11.1. Information on toxicological effects

ACUTE TOXICITY

**SECTION 11. Toxicological information** ... / >>

LC50 (Inhalation - vapours) of the mixture:	Not classified (no significant component)
LC50 (Inhalation - mists / powders) of the mixture:	Not classified (no significant component)
LD50 (Oral) of the mixture:	Not classified (no significant component)
LD50 (Dermal) of the mixture:	Not classified (no significant component)

**SKIN CORROSION / IRRITATION**

Does not meet the classification criteria for this hazard class

**SERIOUS EYE DAMAGE / IRRITATION**

Does not meet the classification criteria for this hazard class

**RESPIRATORY OR SKIN SENSITISATION**

Does not meet the classification criteria for this hazard class

**GERM CELL MUTAGENICITY**

Does not meet the classification criteria for this hazard class

**CARCINOGENICITY**

Does not meet the classification criteria for this hazard class

**REPRODUCTIVE TOXICITY**

Does not meet the classification criteria for this hazard class

**STOT - SINGLE EXPOSURE**

Does not meet the classification criteria for this hazard class

**STOT - REPEATED EXPOSURE**

Does not meet the classification criteria for this hazard class

**ASPIRATION HAZARD**

Does not meet the classification criteria for this hazard class

**SECTION 12. Ecological information**

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

**12.1. Toxicity**

Information not available

**12.2. Persistence and degradability**

Information not available

**12.3. Bioaccumulative potential**

Information not available

**12.4. Mobility in soil**

Information not available

**12.5. Results of PBT and vPvB assessment**

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

**12.6. Other adverse effects**

Information not available

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

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.

## SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

## SECTION 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EC: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006  
None

Substances in Candidate List (Art. 59 REACH)  
On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)  
None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:  
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

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>Acute Tox. 2</b>	Acute toxicity, category 2
<b>Acute Tox. 3</b>	Acute toxicity, category 3
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<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>EUH210</b>	Safety data sheet available on request.

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**SECTION 16. Other information ... / >>**

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- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

**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 / 03 / 04 / 08 / 09 / 11 / 14 / 15.



## SAFETY DATA SHEET

### 1. Identification Of The Substance/Mixture and of the Company/Undertaking

<b>Product identifier</b>	<b>Sgreen Adhesive</b>	
<b>Other means of identification</b>		
<b>Product code</b>	CMEV-SA	
<b>Recommended use</b>	Pallet Adhesive	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Manufacturer</b>		
<b>Company name</b>	Ryonet	
<b>Address</b>	12303 NE 56 <sup>th</sup> St Vancouver, WA 98682 United States	
<b>Telephone</b>	Product Stewardship Transportation	800 314 6390 800 314 6390
<b>Website</b>	<a href="http://Screenprinting.com">Screenprinting.com</a>	
<b>E-mail</b>	<a href="mailto:success@ryonet.com">success@ryonet.com</a>	
<b>Emergency phone number</b>	INFOTRAC Emergency Phone International	800-535-5053 +352-323-3500
<b>Supplier</b>	Refer to Manufacturer	

#### Hazard(s) identification

##### GHS Classification

Skin Sensitization : Category 1

##### GHS Label Elements

Hazardous Pictograms :



##### Signal Word

: Warning

##### Hazard Statement

: May causes an allergic skin reaction.

##### Precautionary Statement

:Prevention  
Obtain special instructions before use.

#### Emergency Overview

Appearance: liquid, white

NOTICE: WHILE THIS MATERIAL HAS A LOW LEVEL OF TOXICITY, GOOD INDUSTRIAL HYGIENE PRACTICES ARE ENCOURAGED TO MINIMIZE EXPOSURE.

#### Potential Health Effects

#### Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion



**Eye contact**

Unlikely to cause eye irritation or injury.

**Skin contact**

Unlikely to cause skin irritation or injury.

**Ingestion**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

**Inhalation**

Breathing of vapor or mist is possible. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

**Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Upper respiratory tract, Skin, lung (for example, asthma-like conditions)

**Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways),

**Target Organs**

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, blood abnormalities, reversible respiratory tract damage (nose, throat, and airways)

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Components	CAS-No. / Trade Secret No.	Concentration
Acrylic Polymer Compound	N/A	65%

The identity and concentration of one or more component(s) is being withheld under business confidentiality.

**4. FIRST AID MEASURES****Eyes**

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

**Skin**

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

**Ingestion**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

**Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**Notes to physician**

**Hazards:** No information available.

**Treatment:** No information available

**5. FIREFIGHTING MEASURES****Suitable extinguishing media**

Dry chemical, Carbon dioxide (CO<sub>2</sub>), Water spray

**Hazardous combustion products**

Carbon dioxide and carbon monoxide, Hydrocarbons

**Precautions for fire-fighting**

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

**NFPA Flammable and Combustible Liquids Classification**

Combustible Liquid Class IIIB

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

**Environmental precautions**

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up**

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Other information**

Comply with all applicable federal, state, and local regulations.

**7. HANDLING AND STORAGE****Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

**Storage**

Store in a cool, dry, ventilated area. Store in a cool, dry, ventilated area. Store in a cool, dry, ventilated area.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Exposure Guidelines

Contains no substances with occupational exposure limit values.

### Hazardous components without workplace control parameters

Components	CAS -No
Halogenated Hydrocarbon	8000986-5736P

### General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

### Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Eye protection

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

### Skin and body protection

Wear resistant gloves (consult your safety equipment supplier).

### Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Odour</b>	No data available
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Boiling point/boiling range</b>	No data available
<b>Flash point</b>	> 200.1 °F / > 93.4 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Lower explosion limit</b>	No data available
<b>Vapor pressure</b>	(>)24.660 hPa @ 70 °F / 21 °C
<b>Relative vapour density</b>	No data available

<b>Relative density</b>	1.02 g/cm <sup>3</sup> @ 70 °F / 21 °C
<b>Solubility(ies) Water solubility</b>	dispersible
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient: noctanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Thermal decomposition</b>	No data available
<b>Viscosity</b>	
<b>Dynamic</b>	No data available
<b>Kinematic</b>	No data available
<b>Oxidizing properties</b>	No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

No decomposition if stored and applied as directed

### Stability

Stable.

### Conditions to avoid

Heat, flames and sparks., Exposure to sunlight.

### Incompatible products

aluminum, Amines, Ammonia, Bases, Copper alloys, galvanized metals, strong mineral acids, strong organic acids, Strong oxidizing agents, silica, peroxides, UV light., Zinc

### Hazardous decomposition products

Carbon dioxide and carbon monoxide, Hydrocarbons

### Hazardous reactions

Product will not undergo hazardous polymerization.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation

Skin Contact

Eye Contact

Ingestion

#### Acute oral toxicity

Acute oral toxicity - Product	Assessment: The component/mixture is classified as acute oral toxicity, category 3.
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#### Acute inhalation toxicity

Acute inhalation toxicity - Product	Assessment: The component/mixture is classified as acute inhalation toxicity, category 3.
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#### Acute dermal toxicity

Acute dermal toxicity - Product	Assessment: The component/mixture is classified as acute dermal toxicity, category 3
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**Skin corrosion/irritation**

Not classified based on available information.

**Components:** Halogenated Hydrocarbon  
Results: Corrosive to Skin**Serious eye damage/eye irritation****Product:**

Remarks: Unlikely to cause eye irritation

**Components:**HALOGENATED HYDROCARBON:  
Result: Corrosive**Respiratory or skin sensitization**

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information

**Components:**HALOGENATED HYDROCARBON:  
Assessment: May cause sensitisation by skin contact.**12. ECOLOGICAL INFORMATION****Biodegradability**

Biodegradability- Product	no data available
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**Bioaccumulation**

Bioaccumulation - Product	no data available
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**Ecotoxicity effects****Toxicity to fish**

Toxicity to fish - Product	no data available
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**Toxicity to daphnia and other aquatic invertebrates**

Toxicity to daphnia and other aquatic invertebrates	no data available
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**Toxicity to daphnia and other aquatic invertebrates**

Toxicity to daphnia and other aquatic invertebrates	no data available
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**Toxicity to algae**

Toxicity to algae-product	no data available
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**Toxicity to bacteria**

Toxicity to algae-product	no data available
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**13. DISPOSAL CONSIDERATIONS**

Material name: Sgreen Adhesive

Version #: 01 Issue date: 08-01-2020  
Item Numbers: 40327-2009

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**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction.

**14. TRANSPORTATION INFORMATION  
REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY
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**U.S. DOT – ROAD:** Not Dangerous Goods

**U.S. DOT – RAIL:** Not Dangerous Goods

**U.S. DOT – INLAND WATERWAYS:** Not Dangerous Goods

**TRANSPORT CANADA - ROAD:** Not Dangerous Goods

**TRANSPORT CANADA - RAIL:** Not Dangerous Goods

**TRANSPORT CANADA – INLAND WATERWAY:** Not Dangerous Goods

**INTERNATIONAL MARITIME DANGEROUS GOODS:** Not Dangerous Goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION – CARGO:** Not Dangerous Goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION – PASSENGER:** Not Dangerous Goods

**MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES:**  
Not Dangerous Goods

**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

**15. REGULATORY INFORMATION**

<b>SARA Hazard Classification</b> <b>SARA 311/312 Classification</b> Chronic Health Hazard
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**Notification status**

Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	n (Negative listing)

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	n (Negative listing)
Japan. Kashin-Hou Law List	n (Negative listing)
Korea. Toxic Chemical Control Law (TCCL) List	n (Negative listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	n (Negative listing)
China. Inventory of Existing Chemical Substances	n (Negative listing)

<b>HEALTH:</b>	<b>1</b>
<b>FLAMMABILITY:</b>	<b>0</b>
<b>PHYSICAL HAZARD:</b>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	SEE SEC. 8

HMIS RATING NFPA CODES	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

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