

Safety data sheet

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

1.1. Product identifier

Code: VID455167S
Product name: Silk

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

Intended use: Wall paint

| Identified Uses | Industrial | Professional | Consumer |
|-----------------|------------|--------------|----------|
| Paint/Coating | - | ✓ | ✓ |

1.3. Details of the supplier of the safety data sheet

Name: CROMOLOGY ITALIA SPA
Full address: Sede Legale: Via IV Novembre, 4
District and Country: 55016 Porcari LU
ITALY
Tel. 199119955 (+39)05832424
Fax 199119977

e-mail address of the competent person responsible for the Safety Data Sheet: info-sds@cromology.it

Product distribution by: CROMOLOGY ITALIA SPA

1.4. Emergency telephone number

For urgent inquiries refer to Telephone numbers of the main Italian Anti-Poison Centers (active 24/24 hours):
Centro Antiveleni di Pavia 0382 24444 (CAV Centro Nazionale di Informazione Tossicologica - Pavia); Centro Antiveleni di Milano 02 66101029 (CAV Ospedale Niguarda Ca` Granda - Milano); Centro Antiveleni di Bergamo 800 883300 (CAV Azienda Ospedaliera Papa Giovanni XXII - Bergamo); Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi - Firenze); Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli - Roma); Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I - Roma); Centro Antiveleni Pediatrico di Roma 06 68593726 (CAVp Osp. Pediatrico Bambino Gesù- Roma); Centro Antiveleni di Foggia 0881 732326 (Azienda Ospedaliero Universitaria di Foggia); Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli).

For more information: Cromology Italia SpA 199119955 (+39)05832424
From Monday to Friday: 9:30-12:30 14:00-17:30.

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Eye irritation, category 2

H319

Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms:



Signal words:

Warning

Hazard statements:

H319

Causes serious eye irritation.

EUH208

Contains:

1,2-BENZOISOTIAZOL-3(2H)-ONE

2-METIL-2H-ISOTIAZOL-3-ONE

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)

May produce an allergic reaction.

Precautionary statements:

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P280

Wear eye protection / face protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501

Dispose of contents / container in conformity to local regulation

VOC (Directive 2004/42/EC) :

Decorative effect coatings.

VOC given in g/litre of product in a ready-to-use condition :

Limit value: 200 (2010)

VOC of product : 100,00

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

3.1. Substances

Information not relevant

3.2. Mixtures

Contains:

Identification **Conc. %** **Classification 1272/2008 (CLP)**

DIISOTRIDECIL SOLFOSUCCINATO DI SODIO

CAS 55184-72-0 1 - 2 Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411
EC 259-515-6

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

CAS 55965-84-9 0,00 - 0,0015 Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=10
EC 611-341-5
INDEX 613-167-00-5

DIPROPYLENE GLYCOL MONOMETHYL ETHER

CAS 34590-94-8 0,00 - 0,1
EC 252-104-2
Reg. no. 01-2119450011-60-XXXX

Substance with a community workplace exposure limit.

ZINC PYRITHIONE

CAS 13463-41-7 0,00 - 0,025 Acute Tox. 3 H301, Acute Tox. 3 H331, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=10
EC 236-671-3
Reg. no. 01-2119511196-46-XXXX

2-METIL-2H-ISOTIAZOL-3-ONE

CAS 2682-20-4 0,00 - 0,1 Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1B H314, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411
EC 220-239-6

1,2-BENZOISOTIAZOL-3(2H)-ONE

CAS 2634-33-5 0,00 - 0,05 Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411
EC 220-120-9
INDEX 613-088-00-6

Note: Upper limit is not included into the range

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 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

SECTION 4. First aid measures ... / >>

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

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

Information not available

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

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.

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

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.

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.

SECTION 7. Handling and storage ... / >>
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.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection
8.1. Control parameters

Regulatory References:

| | | |
|-----|---------------|---|
| DEU | Deutschland | MAK-und BAT-Werte-Liste 2012 |
| ESP | España | INSHT - Límites de exposición profesional para agentes químicos en España 2015 |
| FRA | France | JORF n°0109 du 10 mai 2012 page 8773 texte n° 102 |
| GBR | | |
| GRC | Ελλάδα | ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012 |
| ITA | Italia | Decreto Legislativo 9 Aprile 2008, n.81 |
| NLD | Nederland | Databank of the social and Economic Council of Netherlands (SER) Values, AF 2011:18 |
| PRT | Portugal | Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no trabalho - Diário da Republica I 26; 2012-02-06 |
| EU | OEL EU | Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC. |
| | TLV (ACGIH 9) | |
| | TLV-ACGIH | ACGIH 2016 |

DIISOTRIDECIL SOLFOSUCCINATO DI SODIO
Predicted no-effect concentration - PNEC

| | | |
|--|---------|-------|
| Normal value of STP microorganisms | 1,4 | mg/l |
| Normal value in fresh water | 0,00196 | mg/l |
| Normal value for fresh water sediment | 50,14 | mg/kg |
| Normal value in marine water | 0,00196 | mg/l |
| Normal value for marine water sediment | 5,014 | mg/kg |
| Normal value for water, intermittent release | 0,0196 | mg/l |

Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers | | | | Effects on workers | | | |
|-------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| | Acute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Oral | | | | 18,8 mg/kg | | | | |
| Inhalation | | 196 mg/mc | | | | | | 661 mg/mc |
| Skin | | | | 169 mg/kg | | | | 281 mg/kg |

SECTION 8. Exposure controls/personal protection ... / >>
TITANIUM DIOXIDE
Threshold Limit Value

| Type | Country | TWA/8h mg/m ³ | ppm | STEL/15min mg/m ³ | ppm |
|-----------|---------|-----------------------------|-----|---------------------------------|-----|
| TLV-ACGIH | | 10 | | | |
| VLA | ESP | 10 | | | |
| VLEP | FRA | 10 | | | |
| WEL | GBR | 4 | | | |
| TLV | GRC | | 10 | | |

Predicted no-effect concentration - PNEC

| | | |
|--|--------|-------|
| Normal value of STP microorganisms | 100 | mg/kg |
| Normal value in fresh water | >1 | mg/l |
| Normal value for fresh water sediment | >1.000 | mg/kg |
| Normal value in marine water | 0,127 | mg/l |
| Normal value for marine water sediment | >100 | mg/kg |
| Normal value for the terrestrial compartment | >100 | mg/kg |

Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers | | | | Effects on workers | | | |
|-------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| | Acute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Oral | | | | 700 | | | | |
| | | | | mg/kg p.c. | | | | |

Inhalation

 10
 mg/mc

QUARZO ALFA, BLOSSIDO DI SILICIO
Threshold Limit Value

| Type | Country | TWA/8h mg/m ³ | ppm | STEL/15min mg/m ³ | ppm |
|---------------|---------|-----------------------------|-----|---------------------------------|-----|
| TLV (ACGIH 9) | | 0,1 | | | |
| VLEP | FRA | 0,1 | | | |
| TLV | ITA | 0,025 | | | |

ALUMINIUM OXYDE
Threshold Limit Value

| Type | Country | TWA/8h mg/m ³ | ppm | STEL/15min mg/m ³ | ppm |
|-----------|---------|-----------------------------|-----|---------------------------------|-----|
| TLV-ACGIH | | 3 | | | |
| VLEP | FRA | 5 | | | |
| TLV-ACGIH | ITA | 3 | | | |

SECTION 8. Exposure controls/personal protection ... / >>
PIGMENT RED 101
Threshold Limit Value

| Type | Country | TWA/8h mg/m ³ | ppm | STEL/15min mg/m ³ | ppm |
|-----------|---------|-----------------------------|-----|---------------------------------|-----|
| TLV-ACGIH | | 5 | | | |
| MAK | DEU | 1,5 | | | |
| VLA | ESP | 5 | | | |
| VLEP | FRA | 5 | | | |
| WEL | GBR | 4 | | | |
| TLV | GRC | 10 | | 10 | |
| MAC | NLD | 10 | | | |

DIPROPYLENE GLYCOL MONOMETHYL ETHER
Threshold Limit Value

| Type | Country | TWA/8h mg/m ³ | ppm | STEL/15min mg/m ³ | ppm | |
|-----------|---------|-----------------------------|-----|---------------------------------|-----|------|
| TLV-ACGIH | | 606 | 100 | 909 | 150 | SKIN |
| AGW | DEU | 310 | 50 | 310 | 50 | |
| MAK | DEU | 310 | 50 | 310 | 50 | |
| VLA | ESP | 308 | 50 | | | SKIN |
| VLEP | FRA | 308 | 50 | | | SKIN |
| WEL | GBR | 308 | 50 | | | SKIN |
| TLV | GRC | 600 | 100 | 900 | 150 | |
| VLEP | ITA | 308 | 50 | | | SKIN |
| VLE | PRT | 308 | 50 | | | SKIN |
| OEL | EU | 308 | 50 | | | SKIN |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.
 VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

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.

Provide an emergency shower with face and eye wash station.

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

SECTION 8. Exposure controls/personal 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 A 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 | Liquid |
| Colour | Various colours |
| Odour | Lightweight, characteristic |
| Odour threshold | Not available |
| pH | 8,5 |
| Melting point / freezing point | Not available |
| Initial boiling point | > 100 °C |
| Boiling range | Not available |
| Flash point | > 60 °C |
| Evaporation Rate | Not available |
| Flammability (solid, gas) | 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 | 1,200 kg/l 20°C |
| Solubility | Dispersible in water. |
| Partition coefficient: n-octanol/water | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | 10000 mPa.s |
| Explosive properties | Not available |
| Oxidising properties | Not available |

9.2. Other information

VOC (Directive 2004/42/EC) : 100,00 g/litre

SECTION 10. Stability and reactivity
10.1. Reactivity

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

DIPROPYLENE GLYCOL MONOMETHYL ETHER

May react with: oxidising substances. When heated to decomposition releases: harsh fumes, zinc alloys.

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

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

ZINC PYRITHIONE

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

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)

2-METIL-2H-ISOTIAZOL-3-ONE

LD50 (Oral) >2.500 mg/kg Rat (OECD 423)

LD50 (Dermal) >2.000 mg/kg Rat (OECD 402)

LC50 (Inhalation) 5,71 mg/l/1h rat (OECD 403)

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

LD50 (Oral) 66 mg/kg Rat OECD 401

LD50 (Dermal) >141 mg/kg Rat OECD 402

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

SECTION 11. Toxicological information ... / >>
RESPIRATORY OR SKIN SENSITISATION

May cause an allergic reaction

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

1,2-BENZOISOTIAZOL-3(2H)-ONE

| | |
|-----------------------------------|--|
| LC50 - for Fish | 1,6 mg/l/96h Oncorhynchus mykiss (OECD 203) |
| EC50 - for Crustacea | 3,27 mg/l/48h Daphnia magna (OECD 202) |
| EC50 - for Algae / Aquatic Plants | 0,11 mg/l/72h Selenastrum capricornutum (OECD 201) |

2-METIL-2H-ISOTIAZOL-3-ONE

| | |
|-----------------------------------|---|
| LC50 - for Fish | 6 mg/l/96h Oncorhynchus mykiss OECD 201 |
| EC50 - for Crustacea | 1,68 mg/l/48h Dafnia magna OECD 202 |
| EC50 - for Algae / Aquatic Plants | 0,157 mg/l/72h Pseudokirchneriella subcapitata (OECD 201) |

ZINC PYRITHIONE

| | |
|-----------------------------------|--|
| LC50 - for Fish | 0,15 mg/l/96h Oncorhynchus mykiss |
| EC50 - for Crustacea | 0,05 mg/l/48h Dafnia magna |
| EC50 - for Algae / Aquatic Plants | 0,067 mg/l/72h Selenastrum capricornutum |

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

| | |
|-----------------------------------|--|
| LC50 - for Fish | 0,22 mg/l/96h Oncorhynchus mykiss |
| EC50 - for Crustacea | 0,0052 mg/l/48h Dafnia magna |
| EC50 - for Algae / Aquatic Plants | 0,048 mg/l/72h Pseudokirchneriella subcapitata |

12.2. Persistence and degradability

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Solubility in water 1000 - 10000 mg/l W12202

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

SECTION 12. Ecological information ... / >>

12.3. Bioaccumulative potential

1,2-BENZOISOTIAZOL-3(2H)-ONE

Partition coefficient: n-octanol/water 0,7 W122076,95

2-METIL-2H-ISOTIAZOL-3-ONE

Partition coefficient: n-octanol/water 0,32 W122073,16

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Partition coefficient: n-octanol/water 0,0043

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

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. 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.

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

SECTION 14. Transport information ... / >>

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 MARPOL73/78 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

| Product | Point |
|---------|-------|
| | 3 |

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. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

VOC (Directive 2004/42/EC) :

Decorative effect coatings.

This product contains biocidal products

SECTION 15. Regulatory information ... / >>

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:

| | |
|--------------------------|---|
| Acute Tox. 2 | Acute toxicity, category 2 |
| Acute Tox. 3 | Acute toxicity, category 3 |
| Acute Tox. 4 | Acute toxicity, category 4 |
| Skin Corr. 1B | Skin corrosion, category 1B |
| Eye Dam. 1 | Serious eye damage, category 1 |
| Eye Irrit. 2 | Eye irritation, category 2 |
| Skin Irrit. 2 | Skin irritation, category 2 |
| Skin Sens. 1A | Skin sensitization, category 1A |
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute toxicity, category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment, chronic toxicity, category 2 |
| H330 | Fatal if inhaled. |
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H331 | Toxic if inhaled. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH208 | Contains <name of sensitising substance>. May produce an allergic reaction. |

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

SECTION 16. Other information ... / >>

- 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).

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- 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.