# Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

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

### 1.1. Product identifier

Code: **SPC0060**
Product name **COL. SPC VERDE 8060**

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

| Identified Uses | Industrial | Professional | Consumer |
|---|---|---|---|
| **Solvent-based stain** | - | ✓ | - |

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

Name **VERINLEGNO S.p.A.**
Full address **Via Luigi Galvani, 7**
District and Country **51010 Massa e Cozzile (PT)**
**Italia**
**Tel. +39 0572 / 9271.1**
**Fax +39 0572 / 773608**
e-mail address of the competent person responsible for the Safety Data Sheet **ambientesicurezza@verinlegno.it**

### 1.4. Emergency telephone number

For urgent inquiries refer to **Ing. Cialdoni Annamaria:**
**+ 39 0572 927120 (dalle ore 08:00 alle ore 12.00 e dalle ore 14:00 alle ore 18:00)**

**Reach and CLP Helpdesks:**
**http://reach.sviluppoeconomico.gov.it/**
**http://www.iss/hclp/**

**Centro antiveleni Azienda ospedaliera Papa Giovanni XXII, Bergamo Tel. 800883300**
**Centro antiveleni Azienda ospedaliera Careggi, Firenze Tel. +39 055 7947819**
**Centro antiveleni Azienda ospedaliera Univ. Foggia Tel. +39 0881 732326**
**Centro antiveleni Azienda ospedaliera Niguarda Ca' Grande, Milano Tel. +39 02 66101029**
**Centro antiveleni Azienda ospedaliera Cardarelli, Napoli Tel. 39 081 7472870**
**Centro antiveleni Azienda ospedaliera Pavia Tel. +39 0382 24444**
**Centro antiveleni Azienda ospedaliera Bambino Gesù, Roma Tel. +39 06 68593726**
**Centro antiveleni Policlinico Gemelli, Roma Tel. +39 06 49978000**
**Centro antiveleni Policlinico Umberto I, Roma Tel. +39 06 49978000**
**Si prega di contattare l'organo competente ufficiale dello Stato in cui si è verificata l'emergenza.**

## 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 (EU) Regulation 2015/830.
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:

| | | |
|---|---|---|
| Flammable liquid, category 3 | H226 | Flammable liquid and vapour. |
| Skin sensitization, category 1 | H317 | May cause an allergic skin reaction. |
| Specific target organ toxicity - single exposure, category 3 | H336 | May cause drowsiness or dizziness. |

## SECTION 2. Hazards identification ... / >>

### 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:

| | |
|---|---|
| **H226** | Flammable liquid and vapour. |
| **H317** | May cause an allergic skin reaction. |
| **H336** | May cause drowsiness or dizziness. |
| **EUH208** | Contains: TRISODIUM BIS[3-HYDROXY-4-[(2-HYDRIXY-1-NAPHTHYL)AZO]-7-NITRONAPHTALENE-1-SULPHO NATO3-)]CHRMATE(3-)<br>May produce an allergic reaction. |

Precautionary statements:

| | |
|---|---|
| **P210** | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| **P261** | Avoid breathing dust / fume / gas / mist / vapours / spray. |
| **P280** | Wear protective gloves/ protective clothing / eye protection / face protection. |
| **P312** | Call a POISON CENTRE / doctor if you feel unwell. |
| **P370+P378** | In case of fire: use a powder or foam extinguisher to extinguish. |
| **P403+P233** | Store in a well-ventilated place. Keep container tightly closed. |

**Contains:** SODIUM BIS[2-[[5-(AMINOSULPHONYL)-2-HYDROX YPHENYL]AZO]-3-OXO-N-PHENYLBUTYRAMIDATO(2-)]COBALTATE(1-)
1-METHOXY-2-PROPANOL

Product not intended for uses provided for by Dir. 2004/42/CE.

### 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 | x = Conc. % | Classification 1272/2008 (CLP) |
|---|---|---|
| **1-METHOXY-2-PROPANOL** | | |
| *CAS* *107-98-2* | 78 ≤ x < 82 | **Flam. Liq. 3 H226, STOT SE 3 H336** |
| *EC* *203-539-1* | | |
| *INDEX* *603-064-00-3* | | |
| *Reg. no.* *01-2119457435-35-xxxx* | | |
| **2-(2-BUTOXYETHOXY)ETHANOL** | | |
| *CAS* *112-34-5* | 8 ≤ x < 9 | **Eye Irrit. 2 H319** |
| *EC* *203-961-6* | | |
| *INDEX* *603-096-00-8* | | |
| *Reg. no.* *01-2119475104-44* | | |

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

**SODIUM BIS[2-[[5-(AMINOSULPHONYL)-2-HYDROX YPHENYL]AZO]-3-OXO-N-PHENYLBUTYRAMI DATO(2-)]COBALTATE(1-)**
*CAS* *72496-88-9* 4 ≤ x < 4,5 **Skin Sens. 1 H317, Aquatic Chronic 3 H412**
*EC* *276-701-2*
*INDEX*
*Reg. no.* *01-2120071400-71-XXXX*

**TRISODIUM BIS[3-HYDROXY-4-[(2-HYDRIXY-1-NAPHT HYL)AZO]-7-NITRONAPHTALENE-1-SULPHO NATO3-)]CHRMATE(3-)**
*CAS* *57693-14-8* 0,65 ≤ x < 0,75 **Eye Irrit. 2 H319, Skin Sens. 1 H317, Aquatic Chronic 2 H411**
*EC* *260-906-9*
*INDEX*
*Reg. no.* *01-2119969289-17-XXXX*

**2-METOSSIPROPANOLO**
*CAS* *1589-47-5* 0,1 ≤ x < 0,15 **Flam. Liq. 3 H226, Repr. 1B H360D, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335**
*EC* *216-455-5*
*INDEX* *603-106-0-0*

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. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.
INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.
INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

### 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
Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.
UNSUITABLE EXTINGUISHING EQUIPMENT
Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
Excess pressure may form in containers exposed to fire at a risk of explosion. 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.

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

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.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.

### 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

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

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

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. 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:

| | | |
|---|---|---|
| CZE | Česká Republika | Nařízení vlády č. 361/2007 Sb. kterým se stanoví podmínky ochrany zdraví při práci |
| DEU | Deutschland | TRGS 900 (Fassung 31.1.2018 ber.) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte |
| DNK | Danmark | Graensevaerdier per stoffer og materialer |
| ESP | España | INSHT - Límites de exposición profesional para agentes químicos en España 2017 |
| FRA | France | JORF n°0109 du 10 mai 2012 page 8773 texte n° 102 |
| GBR | United Kingdom | EH40/2005 Workplace exposure limits |
| GRC | Ελλάδα | ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012 |
| HRV | Hrvatska | NN13/09 - Ministarstvo gospodarstva, rada i poduzetništva |
| HUN | Magyarország | 50/2011. (XII. 22.) NGM rendelet a munkahelyek kémiai biztonságáról |
| LTU | Lietuva | DĖL LIETUVOS HIGIENOS NORMOS HN 23:2007 CHEMINIŲ MEDŽIAGŲ 2007 m. spalio 15 d. Nr. V-827/A1-287 |
| NLD | Nederland | Databank of the social and Economic Concil of Netherlands (SER) Values, AF 2011:18 |
| POL | Polska | ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 7 czerwca 2017 r |
| ROU | România | Monitorul Oficial al României 44; 2012-01-19 |
| SVK | Slovensko | NARIADENIE VLÁDY Slovenskej republiky z 20. júna 2007 |
| EU | OEL EU | Directive (EU) 2017/2398; 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 | ACGIH 2017 |

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

**1-METHOXY-2-PROPANOL**

**Threshold Limit Value**

| Type | Country | TWA/8h | | STEL/15min | | |
|---|---|---|---|---|---|---|
| | | mg/m3 | ppm | mg/m3 | ppm | |
| TLV | CZE | 270 | | 550 | | SKIN |
| AGW | DEU | 370 | 100 | 740 | 200 | |
| MAK | DEU | 370 | 100 | 740 | 200 | |
| TLV | DNK | 185 | 50 | | | |
| VLA | ESP | 375 | 100 | 568 | 150 | SKIN |
| VLEP | FRA | 188 | 50 | 375 | 10 | SKIN |
| WEL | GBR | 375 | 100 | 560 | 150 | SKIN |
| TLV | GRC | 360 | 100 | 1080 | 300 | |
| GVI | HRV | 375 | 100 | 568 | 150 | SKIN |
| AK | HUN | 375 | | 568 | | |
| OEL | NLD | 375 | | 563 | | SKIN |
| NDS | POL | 180 | | 360 | | |
| TLV | ROU | 375 | 100 | 568 | 150 | SKIN |
| NPHV | SVK | 375 | 100 | 568 | | SKIN |
| OEL | EU | 375 | 100 | 568 | 150 | SKIN |
| TLV-ACGIH | | 184 | 50 | 368 | 100 | |

**2-(2-BUTOXYETHOXY)ETHANOL**

**Threshold Limit Value**

| Type | Country | TWA/8h | | STEL/15min | | |
|---|---|---|---|---|---|---|
| | | mg/m3 | ppm | mg/m3 | ppm | |
| MAK | DEU | 67 | 10 | 100,5 | 15 | |
| TLV | DNK | 67,5 | 10 | | | |
| VLA | ESP | 67,5 | 10 | 101,2 | 15 | |
| TLV | GRC | 67,5 | 10 | 101,2 | 15 | |
| RD | LTU | 100 | 15 | 200 | 30 | |
| OEL | NLD | 50 | | 100 | | SKIN |
| NDS | POL | 67 | | 100 | | |
| TLV | ROU | 150 | | 250 | | |
| NPHV | SVK | 67,5 | 10 | 101,2 | | |
| OEL | EU | 67,5 | 10 | 101,2 | 15 | |
| TLV-ACGIH | | 66 | 10 | | | |

Legend:
(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

TLV of solvent mixture: 184 mg/m3

### 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 II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.
Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.
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 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

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

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 | pigmentato |
| Odour | characteristic |
| Odour threshold | Not available |
| pH | Not available |
| Melting point / freezing point | Not available |
| Initial boiling point | Not available |
| Boiling range | 79/202 °C |
| Flash point | 23 ≤ T ≤ 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 | > 1 |
| Relative density | 0,99 |
| Solubility | solubile in acqua e in solventi organici |
| 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

| | | | | |
|---|---|---|---|---|
| Total solids (250°C / 482°F) | 12,80 % | | | |
| VOC (Directive 2010/75/EC) : | 79,20 % | - | 781,70 | g/litre |
| VOC (volatile carbon) : | 42,18 % | - | 416,35 | 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.

1-METHOXY-2-PROPANOL
Dissolves various plastic materials.Stable in normal conditions of use and storage.

Absorbs and disolves in water and in organic solvents. With air it may slowly form explosive peroxides.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

1-METHOXY-2-PROPANOL
May react dangerously with: strong oxidising agents,strong acids.

2-(2-BUTOXYETHOXY)ETHANOL
May react with: oxidising substances.May form peroxides with: oxygen.Develops hydrogen on contact with: aluminium.May form explosive mixtures with: air.

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

**10.4. Conditions to avoid**

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

1-METHOXY-2-PROPANOL
Avoid exposure to: air.

2-(2-BUTOXYETHOXY)ETHANOL
Avoid exposure to: air.

**10.5. Incompatible materials**

1-METHOXY-2-PROPANOL
Incompatible with: oxidising substances,strong acids,alkaline metals.

2-(2-BUTOXYETHOXY)ETHANOL
Incompatible with: oxidising substances,strong acids,alkaline metals.

**10.6. Hazardous decomposition products**

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

2-(2-BUTOXYETHOXY)ETHANOL
May develop: hydrogen.

## 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**

Tossicita' acuta: LD50 orale in ratti: 2500 mg/Kg LD50 dermale in coniglio: 2300 mg/Kg Sensibilizzazione:I dati disponibili sui diversi ingredienti e la loro partecipazione nel preparato indicano che nel caso di contatto con la pell si possono notare effetti di sensibilizzazione. Ulteriori informazioni e indicazioni:Il prodotto non e' cancerogeno,ne mutagenico ne teratogenico.Irritazione degli occhi-coniglio:corrosivo. TWA: 0,2 mg/m3(componente attivo)

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

2-(2-BUTOXYETHOXY)ETHANOL
WORKERS: inhalation; contact with the skin.

1-METHOXY-2-PROPANOL
WORKERS: inhalation; contact with the skin.
POPULATION: ingestion of contaminated food or water; inhalation of ambient air; contact with the skin of products containing the substance.

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

2-(2-BUTOXYETHOXY)ETHANOL
May be absorbed by inhalation, ingestion and skin contact; is irritating for the skin and especially for the eyes. May cause damage to the spleen. At room temperature the danger of inhalation is unlikely, due to the low vapour pressure of the substance.

1-METHOXY-2-PROPANOL
The main route of entry is the skin, whereas the respiratory route is less important due to the low vapour pressure of the product. Above 100 ppm causes irritation of the eye, nose and oropharynx mucous membranes. At 1000 ppm, disturbance of equilibrium and severe eye irritation can be noticed. Clinical and biological examinations carried out on exposed volunteers revealed no anomalies. Acetate produces greater skin and eye irritation with direct contact. No chronic effects on humans have been reported.

Interactive effects

Information not available

## SECTION 11. Toxicological information ... / >>

ACUTE TOXICITY

| | |
|---|---|
| LC50 (Inhalation) 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-(2-BUTOXYETHOXY)ETHANOL

| | |
|---|---|
| LD50 (Oral) | 3384 mg/kg Rat |
| LD50 (Dermal) | 2700 mg/kg Rabbit |

1-METHOXY-2-PROPANOL

| | |
|---|---|
| LD50 (Oral) | 5300 mg/kg Rat |
| LD50 (Dermal) | 13000 mg/kg Rabbit |
| LC50 (Inhalation) | 54,6 mg/l/4h Rat |

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

Sensitising for the skin
May produce an allergic reaction.
Contains:
TRISODIUM BIS[3-HYDROXY-4-[(2-HYDRIXY-1-NAPHT HYL)AZO]-7-NITRONAPHTALENE-1-SULPHO NATO3-)]CHRMATE(3-)

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

May cause drowsiness or dizziness

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

## SECTION 12. Ecological information ... / >>

2-(2-BUTOXYETHOXY)ETHANOL
Solubility in water 1000 - 10000 mg/l
Rapidly degradable

1-METHOXY-2-PROPANOL
Solubility in water 1000 - 10000 mg/l
Rapidly degradable

**12.3. Bioaccumulative potential**

2-(2-BUTOXYETHOXY)ETHANOL
Partition coefficient: n-octanol/water 1

1-METHOXY-2-PROPANOL
Partition coefficient: n-octanol/water < 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.
Waste transportation may be subject to ADR restrictions.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## SECTION 14. Transport information

**14.1. UN number**

ADR / RID, IMDG, IATA: 1263

**14.2. UN proper shipping name**

ADR / RID: PAINT
IMDG: PAINT
IATA: PAINT

## SECTION 14. Transport information ... / >>

### 14.3. Transport hazard class(es)

| | | | |
|---|---|---|---|
| ADR / RID: | Class: 3 | Label: 3 |  |
| IMDG: | Class: 3 | Label: 3 |  |
| IATA: | Class: 3 | Label: 3 |  |

### 14.4. Packing group

ADR / RID, IMDG, IATA: III

### 14.5. Environmental hazards

ADR / RID: NO
IMDG: NO
IATA: NO

### 14.6. Special precautions for user

| | | | |
|---|---|---|---|
| ADR / RID: | HIN - Kemler: 30<br>Special Provision: - | Limited Quantities: 5 L | Tunnel restriction code: (D/E) |
| IMDG: | EMS: F-E, S-E | Limited Quantities: 5 L | |
| IATA: | Cargo: | Maximum quantity: 220 L | Packaging instructions: 366 |
| | Pass.: | Maximum quantity: 60 L | Packaging instructions: 355 |
| | Special Instructions: | A3, A72, A192 | |

### 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: P5c

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product
Point 3 - 40
Contained substance
Point 55 2-(2-BUTOXYETHOXY)ETHANOL
Reg. no.: 01-2119475104-44
Point 30 2-METOSSIPROPANOLO

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
Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks

## SECTION 15. Regulatory information ... / >>

related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

### 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:

| | |
|---|---|
| **Flam. Liq. 3** | Flammable liquid, category 3 |
| **Repr. 1B** | Reproductive toxicity, category 1B |
| **Eye Dam. 1** | Serious eye damage, category 1 |
| **Eye Irrit. 2** | Eye irritation, category 2 |
| **Skin Irrit. 2** | Skin irritation, category 2 |
| **STOT SE 3** | Specific target organ toxicity - single exposure, category 3 |
| **Skin Sens. 1** | Skin sensitization, category 1 |
| **Aquatic Chronic 2** | Hazardous to the aquatic environment, chronic toxicity, category 2 |
| **Aquatic Chronic 3** | Hazardous to the aquatic environment, chronic toxicity, category 3 |
| **H226** | Flammable liquid and vapour. |
| **H360D** | May damage the unborn child. |
| **H318** | Causes serious eye damage. |
| **H319** | Causes serious eye irritation. |
| **H315** | Causes skin irritation. |
| **H335** | May cause respiratory irritation. |
| **H317** | May cause an allergic skin reaction. |
| **H336** | May cause drowsiness or dizziness. |
| **H411** | Toxic to aquatic life with long lasting effects. |
| **H412** | Harmful to aquatic life with long lasting effects. |

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

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

4. Regulation (EU) 2015/830 of the European Parliament5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
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15. Κανονίσμός (ΕΕ) 2018/1480 (XIII Atp. CLP)

- 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
- 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:
08.
Changed TLVs in section 8.1 for following countries:
DNK,