# SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

**Product name: Stonder Uni Thinner 646**

**Creation date: 23.03.2023, Revision: 23.03.2023, version: 1.0**

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

**Product name**

Stonder Uni Thinner 646

**Product code**

[80873, 80847, 80884 UFI:YAY6-37VD-M007-7YJG]

https://my.chemius.net/p/HqgOYI/en/pd/en

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

**Relevant identified uses**

For professional use only. The product designed for cellulose products. It dilutes nitrocellulose products

**Uses advised against**

No information.

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

**Supplier**

Rags LTD
Džūkstes str.1
LV-1004 Riga, Latvia
+37167808780
rags&rags.lv

### 1.4 Emergency Telephone Number

**Emergency**

112

**Supplier**

+37167808780

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 (CLP)**

Flam. Liq. 2; H225 Highly flammable liquid and vapour.
Acute Tox. 3; H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled.
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.
Skin Irrit. 2; H315 Causes skin irritation.
Eye Irrit. 2; H319 Causes serious eye irritation.
STOT SE 3; H336 May cause drowsiness or dizziness.
Repr. 2; H361d Suspected of damaging the unborn child.
STOT SE 1; H370 Causes damage to organs.
STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP]**

**Signal word: DANGER**

H225 Highly flammable liquid and vapour.
H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.
H370 Causes damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.
P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P331 Do NOT induce vomiting.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with national regulation.

Contains:
toluene
methanol
acetone

### 2.3 Other hazards

PBT/vPvB
No information.

Endocrine disrupting properties
No information.

Additional information
No information.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

| Name | CAS EC Index Reach | % | Classification according to Regulation (EC) No 1272/2008 (CLP) | Specific Conc. Limits | Notes for substances |
|---|---|---|---|---|---|
| toluene | 108-88-3<br>203-625-9<br>601-021-00-3<br>01-2119471310-51-XXXX | 20-60 | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Repr. 2; H361d<br>STOT RE 2; H373 | / | / |

| | | | | | |
|---|---|---|---|---|---|
| **methanol** | 67-56-1<br>200-659-6<br>603-001-00-X<br>01-2119392409-28 | 10-40 | Flam. Liq. 2; H225<br>Acute Tox. 3; H301<br>Acute Tox. 3; H311<br>Acute Tox. 3; H331<br>STOT SE 1; H370 | STOT SE 1; H370; 3% ≤ C < 10% | / |
| **acetone** | 67-64-1<br>200-662-2<br>606-001-00-8 | 5-35 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>EUH066 | / | / |

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. When it is suspected, that there may still be harmful vapours/fumes present in the air, respiratory protection (mask; self contained breathing apparatus) must be used. Wash contaminated clothing with water before removing or use gloves.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. In case of unconsciousness bring patient into stable side position and seek medical attention. If breathing is irregular or respiratory arrest occurs provide artificial respiration. Keep at rest in a position comfortable for breathing. Seek medical help immediately.

#### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. Immediately obtain professional medical help!

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. After 5 minutes of rinsing, remove contact lenses, if present, and continue rinsing. Consult a physician immediately!

#### Following ingestion

Do not induce vomiting! Aspiration hazard if swallowed. Can enter lungs and cause damage. If vomiting occurs, the patient should hold the head lower than the hips, because it reduces the possibility of aspiration. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Immediately consult a doctor. Show the physician the safety data sheet or label.

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

#### Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Symptoms include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness. Vapours may cause drowsiness and dizziness. Toxic by inhalation.

#### Following skin contact

Itching, redness, pain. Toxic in contact with skin.

#### Following eye contact

Redness, tearing, pain.

#### Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort. Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area. Aspiration into the lungs causes coughing, shortness of breath and may lead to chemical pneumonia. Toxic if swallowed.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. After the product has been ingested vomiting can cause aspiration into the lungs. Because of the

risk of aspiration, induction of vomiting and gastric lavage should be avoided.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media**

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media**

Full water jet.

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

**Hazardous combustion products**

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### 5.3 Advice for firefighters

**Protective actions**

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Prolonged heating can cause an explosion. Vapours can form explosive mixtures with air. Cool containers at risk with water spray. If possible remove containers from endangered area.

**Special protective equipment for fire-fighters**

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

**Additional information**

No information.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**For non-emergency personnel**

**Protective equipment**

No information.

**Precautionary measures**

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

**Emergency procedures**

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

**For emergency responders**

Use personal protective equipment.

### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

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

**For containment**

Stem the spill if this does not pose risks.

**For cleaning up**

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal

contractor. Use only explosion-proof instruments and equipment. Use spark-proof tools. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

OTHER INFORMATION

No information.

### 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges. Vapours are heavier than air and spread along the floor. They form explosive mixtures with air.

Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8. Avoid exposure - obtain special instructions before using.

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

Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising substances. Keep away from sources of ignition - no smoking.

Packaging materials

Store only in original container.

Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

Storage class

No information.

Further information on storage conditions

No information.

### 7.3 Specific end use(s)

Recommendations

No information.

Industrial sector specific solutions

No information.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

### Occupational Exposure limit values

| Name | mg/m$^3$ | ml/m$^3$ | Short-term value mg/m$^3$ | Short-term value ml/m$^3$ | Remark | Biological Tolerance Values |
|---|---|---|---|---|---|---|
| Acetone (67-64-1) | 1210 | 500 | 3620 | 1500 | / | / |
| Methanol (67-56-1) | 266 | 200 | 333 | 250 | Sk | / |
| Toluene (108-88-3) | 191 | 50 | 384 | 100 | Sk | / |

### Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

### DNEL/DMEL values

#### For product

No information.

#### For components

No information.

### PNEC values

#### For product

No information.

#### For components

No information.

## 8.2 Exposure controls

### Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

#### Structural measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse. Keep eyewash bottles or personal eyewash units and emergency showers available.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

### Personal protective equipment

#### Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

#### Hand protection

Protective gloves (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

### Appropriate materials

#### Skin protection

Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2012). At high risk of skin exposure chemical suits (BS EN ISO 6530:2005) and boots may be required (BS EN ISO 20345:2022).

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387). For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard BS EN 137, BS EN 138.

Thermal hazards
No information.

Environmental exposure controls
Substance/mixture related measures to prevent exposure
No information.

Instruction measures to prevent exposure
No information.

Organisational measures to prevent exposure
No information.

Technical measures to prevent exposure
Do not allow product to reach drains, sewage systems or ground water.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state
liquid

Colour
colourless

Odour
characteristic

Important health, safety and environmental information

| | |
|---|---|
| Odour threshold | No information. |
| Melting point/Freezing point | -20 °C |
| Boiling point or initial boiling point and boiling range | No information. |
| Flammability | (ignitable) |
| Lower and upper explosion limit | No information. |
| Flash point | < 23 °C |
| Auto-ignition temperature | No information. |
| Decomposition temperature | No information. |
| pH | No information. |
| Viscosity | No information. |
| Solubility | Water: Partially soluble |
| Partition coefficient | No information. |
| Vapour pressure | No information. |
| Density and/or relative density | No information. |
| Relative vapour density | > 1 |
| Particle characteristics | No information. |

### 9.2 OTHER INFORMATION

| | |
|---|---|
| Explosive properties | No information. |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No information.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

Vapours and air can form flammable or explosive mixtures.

### 10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

### 10.5 Incompatible materials

Oxidants.

### 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity

For components

| Name | Exposure route | Type | Species | Time | value | Method | Remark |
|---|---|---|---|---|---|---|---|
| toluene | oral | $LD_{50}$ | rat | / | 5550 mg/kg | / | / |
| toluene | dermal | $LD_{50}$ | rabbit | / | 12000 mg/kg | / | / |
| toluene | inhalation (vapours) | $LC_{50}$ | rat | 4 h | 30 mg/l | / | / |
| methanol | oral | $LD_{50}$ | rat | / | 100 mg/kg | / | / |
| methanol | dermal | $LD_{50}$ | rabbit | / | 300 mg/kg | / | / |
| methanol | oral | $LD_{50}$ | / | / | 1400 mg/kg | / | / |
| acetone | oral | $LD_{50}$ | rat | / | 5800 mg/kg | / | / |
| acetone | dermal | $LD_{50}$ | rabbit | / | 20000 mg/kg | / | / |

Additional information

Toxic by inhalation. Toxic if swallowed. Toxic in contact with skin.

(b) Skin corrosion/irritation

For components

| Name | Species | Time | result | Method | Remark |
|---|---|---|---|---|---|
| toluene | rabbit | / | Irritating. | / | / |

Additional information

Causes skin and eye irritation.

(c) Serious eye damage/irritation

For components

| Name | Exposure route | Species | Time | result | Method | Remark |
|---|---|---|---|---|---|---|
| toluene | / | rabbit | / | Severe irritation. | / | / |

(d) Respiratory or skin sensitisation

For components

| Name | Exposure route | Species | Time | result | Method | Remark |
|---|---|---|---|---|---|---|
| toluene | dermal | guinea pig | / | Non sensitising. | / | / |

Additional information

The product is not classified as sensitising.

(e) (Germ cell) mutagenicity

For components

| Name | Type | Species | Time | result | Method | Remark |
|---|---|---|---|---|---|---|
| toluene | in-vitro mutagenicity | / | / | Negative. | / | / |
| toluene | in-vivo mutagenicity | / | / | Negative. | / | / |

(f) Carcinogenicity

For components

| Name | Exposure route | Type | Species | Time | value | result | Method | Remark |
|---|---|---|---|---|---|---|---|---|
| toluene | dermal | / | mouse | / | / | negative | / | / |
| toluene | oral | - | rat | / | / | negative | / | / |
| toluene | inhalation | / | mouse | / | / | negative | / | / |

(g) Reproductive toxicity

For components

| Name | Reproductive toxicity type | Type | Species | Time | value | result | Method | Remark |
|---|---|---|---|---|---|---|---|---|
| toluene | Maternal toxicity | / | human | / | / | Negative. | / | Inhalation, occupational exposure |
| toluene | Developmental toxicity | LOAEL | rat (oral) | / | 520 mg/kg/day | / | / | Exposure: during pregnancy. |
| toluene | Reproductive toxicity | NOAEL | rat (male) | / | 2.3 mg/kg bw/day | / | / | One-generation study, oral |

Summary of evaluation of the CMR properties

Suspected of damaging the unborn child.

(h) STOT-single exposure

For components

| Name | Exposure route | Type | Species | Time | Exposure | organ | value | result | Method | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| toluene | inhalation | - | human | / | / | central nervous system | / | May cause drowsiness or dizziness. | / | / |
| toluene | inhalation | - | / | / | / | / | / | Not classified. | / | / |
| toluene | inhalation | NOAEL | mouse | 3 h | / | imunski sistem | 0.004 mg/kg | / | / | / |
| methanol | - | - | / | / | / | / | / | Causes damage to organs. | / | / |

Additional information

May cause drowsiness or dizziness. Causes damage to organs.

(i) STOT-repeated exposure

For components

| Name | Exposure route | Type | Species | Time | Exposure | organ | value | result | Method | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| toluene | inhalation | - | human | / | / | *Translation required (87661)* | mg/L | May cause damage to organs through prolonged or repeated exposure. | / | / |
| toluene | inhalation | NOAEL | rat | 15 months | / | Respiratory system | 2.3 mg/L | / | / | / |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **toluene** | inhalation | NOAEL | rat | 4 weeks | / | *Translation required (87667)* | 1.1 mg/L | / | / | / |
| **toluene** | inhalation | - | mouse | 20 days | / | imunski sistem | / | Not classified. | / | / |
| **toluene** | inhalation | NOAEL | mouse | 8 weeks | / | Bones, teeth, Fingernails and/or hair | 1.1 mg/L | / | / | / |
| **toluene** | inhalation | LOAEL | mouse | 15 months | / | Respiratory system | 2.3 mg/L | / | / | / |
| **toluene** | inhalation | - | human | / | / | *Translation required (87670)* | / | Not classified. | / | / |
| **toluene** | oral | NOAEL | rat | 13 weeks | / | nervous system | 625 mg/kg/day | / | / | / |
| **toluene** | oral | NOAEL | rat | 13 weeks | / | Heart | 2500 mg/kg/day | / | / | / |
| **toluene** | oral | NOAEL | animals | 13 weeks | / | Liver; kidney, bladder | 2500 mg/kg/day | / | / | / |
| **toluene** | oral | NOAEL | mouse | 14 days | / | Blutbildendes System | 600 mg/kg/day | / | / | / |
| **toluene** | oral | NOAEL | mouse | 4 weeks | / | imunski sistem | 105 mg/kg/day | / | / | / |
| **toluene** | oral | NOAEL | mouse | 14 days | / | Blutbildendes System | 105 mg/kg/day | / | / | / |

Additional information

May cause damage to organs through prolonged or repeated exposure.

(j) Aspiration hazard

For components

| Name | result | Method | Remark |
|---|---|---|---|
| **toluene** | ASPIRATION HAZARD | / | / |

Additional information

May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards

Endocrine disrupting properties

No information.

Other information

No information.

## SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

For components

| Name | Type | value | Exposure time | Species | organism | Method | Remark |
|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **toluene** | $EC_{50}$ | 12.5 mg/L | 72 h | algae | / | / | experimental value |
| **toluene** | $EC_{50}$ | 3.78 mg/L | 48 h | crustacea | *Daphnia magna* | / | experimental value |
| **toluene** | $LC_{50}$ | 5.5 mg/L | 96 h | fish | *Oncorhynchus kisutch* | / | experimental value |
| **toluene** | $LC_{50}$ | 6.41 mg/L | 96 h | fish | / | / | experimental value |
| **methanol** | $LC_{50}$ | 15400 mg/L | / | fish | / | / | / |
| **methanol** | $EC_{50}$ | 1340 mg/L | / | crustacea | / | / | / |
| **methanol** | $EC_{50}$ | 22000 mg/L | 96 h | algae | / | / | / |

### Chronic (long-term) toxicity

For components

| Name | Type | value | Exposure time | Species | organism | Method | Remark |
|---|---|---|---|---|---|---|---|
| **toluene** | NOEC | 0.74 mg/l | 7 days | crustaceans | *Daphnia magna* | / | experimental value |
| **toluene** | NOEC | 1.39 mg/l | 40 days | fish | *Oncorhynchus kisutch* | / | experimental value |

## 12.2 Persistence and degradability

### Abiotic degradation, physical- and photo-chemical elimination

For components

| Name | Environment | Type / Method | Half Time | Evaluation | Method | Remark |
|---|---|---|---|---|---|---|
| **toluene** | Air | / | 5.2 days | photolysis | / | Half-life, Experimental value |

### Biodegradation

For components

| Name | Type | Rate | Time | Evaluation | Method | Remark |
|---|---|---|---|---|---|---|
| **toluene** | BOD | 80 % | 20 days | / | / | experimental value |

## 12.3 Bioaccumulative potential

### Partition coefficient

For components

| Name | Media | value | Temperature °C | pH | Concentration | Method |
|---|---|---|---|---|---|---|
| **toluene** | octanol-water (log Kow) | 2.73 | / | / | / | Experimental value |
| **methanol** | Log Pow | ≤ -0.77 | / | / | / | / |

### Bioconcentration factor (BCF)

No information.

## 12.4 Mobility in soil

### Known or predicted distribution to environmental compartments

No information.

### Surface tension

No information.

### Adsorption/Desorption

For components

| Name | Type | Criterion | value | Evaluation | Method | Remark |
|---|---|---|---|---|---|---|
| **methanol** | Soil | / | 2.75 | / | / | Koc |

### 12.5 Results of PBT and vPvB assessment

No evaluation.

### 12.6 Endocrine disrupting properties

No information.

### 12.7 Other adverse effects

No information.

### 12.8 Additional information

**For product**

Product is not classified as dangerous for environment. Do not allow to reach ground water, water courses or sewage system.

**For components**

**methanol**

Low bioaccumulation potential.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Product / Packaging disposal**

**Waste chemical**

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

**Waste codes / waste designations according to LoW**

No information.

**Packaging**

Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents. Uncleaned containers should not be perforated, cut or welded. Empty containers represent a fire hazard as they may contain flammable product residues and vapour.

**Waste codes / waste designations according to LoW**

No information.

**Waste treatment-relevant information**

No information.

**Sewage disposal-relevant information**

No information.

**Other disposal recommendations**

No information.

## SECTION 14: TRANSPORT INFORMATION

| ADR/RID | IMDG | IATA | ADN |
|---|---|---|---|
| 14.1 UN number or ID number | | | |
| UN 1263 | UN 1263 | UN 1263 | UN 1263 |
| 14.2 UN proper shipping name | | | |

| | | | |
|---|---|---|---|
| PAINT RELATED MATERIAL | PAINT RELATED MATERIAL | PAINT RELATED MATERIAL | PAINT RELATED MATERIAL |
| **14.3 Transport hazard class(es)** | | | |
| 3 | 3 | 3 | 3 |
|  |  |  |  |
| **14.4 Packing group** | | | |
| II | II | II | II |
| **14.5 Environmental hazards** | | | |
| NO | NO | NO | NO |
| **14.6 Special precautions for user** | | | |
| Limited quantities<br>5 L<br>Special provisions<br>640C, 367, 640D, 650<br>Packing Instructions<br>P001, IBC02, R001<br>Special packing provisions<br>PP1<br>Transport category<br>2<br>Tunnel restriction code<br>(D/E) | Limited quantities<br>5 L<br>EmS<br>F-E, S-E<br>Flash point<br>23 °C | Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst)<br>Y341<br>Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg)<br>1 L<br>Packing Instructions (Pkg Inst)<br>353<br>Maximum Net Quantity/Package (Max Net Qty/Pkg)<br>5 L<br>Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst)<br>364<br>Special provisions<br>A3, A72, A192 | Limited quantities<br>5 L |
| **14.7 Maritime transport in bulk according to IMO instruments** | | | |
| | Goods may not be carried in bulk in bulk containers, containers or vehicles. | | |

## SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

**Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)**

not applicable

**Regulation EC 648/2004 on detergents**

No information.

**Special instructions**

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

### Indication of changes

No information.

### Key literature references and sources for data

No information.

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardisation
C&L - Classification and Labelling
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS# - Chemical Abstracts Service number
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSA - Chemical Safety Assessment
CSR - Chemical Safety Report
DMEL - Derived Minimal Effect Level
DNEL - Derived No Effect Level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream User
EC - European Community
ECHA - European Chemicals Agency
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community
EINECS - European Inventory of Existing Commercial Substances
ELINCS - European List of notified Chemical Substances
EN - European Standard
EQS - Environmental Quality Standard
EU - European Union
Euphrac - European Phrase Catalogue
EWC - European Waste Catalogue (replaced by LoW – see below)
GES - Generic Exposure Scenario
GHS - Globally Harmonized System
IATA - International Air Transport Association
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG - International Maritime Dangerous Goods
IMSBC - International Maritime Solid Bulk Cargoes
IT - Information Technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union for Pure Applied Chemistry
JRC - Joint Research Centre
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LE - Legal Entity
LoW - List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)
LR - Lead Registrant
M/I - Manufacturer / Importer
MS - Member States
MSDS - Material Safety Data Sheet
OC - Operational Conditions
OECD - Organization for Economic Co-operation and Development
OEL - Occupational Exposure Limit
OJ - Official Journal
OR - Only Representative
OSHA - European Agency for Safety and Health at work

PBT - Persistent, Bioaccumulative and Toxic substance
PEC - Predicted Effect Concentration
PNEC(s) - Predicted No Effect Concentration(s)
PPE - Personal Protection Equipment
(Q)SAR - Qualitative Structure Activity Relationship
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP - REACH Implementation Project
RMM - Risk Management Measure
SCBA - Self-Contained Breathing Apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum
SME - Small and Medium sized Enterprises
STOT - Specific Target Organ Toxicity
(STOT) RE - Repeated Exposure
(STOT) SE - Single Exposure
SVHC - Substances of Very High Concern
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

**List of relevant H phrases**

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.
H370 Causes damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.