SAFETY DATA SHEET

# Mercasol 2T Transparent

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

### 1.1. Product identifier

Trade name
Mercasol 2T Transparent

Product no.
42450

Unique formula identifier (UFI)
87CH-AKDJ-EP50-3W1H

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

Relevant identified uses of the substance or mixture
Corrosion inhibitor
Restricted to professional users.

Use descriptors (UK REACH)

| Sectors of use | Description |
|---|---|
| LCS "IS" | Industrial uses: Uses of substances as such or in preparations at industrial sites |
| LCS "C" | Consumer uses: Private households (= general public = consumers) |
| LCS "PW" | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| **Product category** | **Description** |
| PC 14 | Metal surface treatment products, including galvanic and electroplating products |

Uses advised against
None known.

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

Company and address
**Auson AB**
Verkstadsgatan 3
S-434 42 KUNGSBACKA
Sweden
+46 (0)300 56 20 00

Contact person
Nina Nyth

E-mail
nina.nyth@auson.se

Revision
04/06/2025

SDS Version
1.0

### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 112 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
See section 4 “First aid measures”.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.
Skin Sens. 1; H317, May cause an allergic skin reaction.
STOT SE 3; H336, May cause drowsiness or dizziness.

### 2.2. Label elements

#### Hazard pictogram(s)

#### Signal word

Warning

#### Hazard statement(s)

Flammable liquid and vapour. (H226)
May cause an allergic skin reaction. (H317)
May cause drowsiness or dizziness. (H336)

#### Precautionary statement(s)

##### General

-

##### Prevention

Contaminated work clothing should not be allowed out of the workplace. (P272)
Wear eye protection/protective gloves/protective clothing. (P280)

##### Response

If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)
Take off contaminated clothing and wash it before reuse. (P362+P364)

##### Storage

Store in a well-ventilated place. Keep cool. (P403+P235)

##### Disposal

Dispose of contents/container in accordance with local regulation (P501)

#### Hazardous substances

Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Calcium sulfonate
Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics

#### Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.

UFI: 87CH-AKDJ-EP50-3W1H

#### VOC

VOC content: 664 g/L
MAXIMUM VOC CONTENT (Phase II, category B/e: 840 g/L)

### 2.3. Other hazards

#### Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|---|---|---|---|
| Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% | CAS No.: 64742-48-9<br>EC No.: 919-857-5<br>UK-REACH:<br>Index No.: 649-327-00-6 | 25-40% | EUH066<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336 | [15], [19] |
| Calcium sulfonate | CAS No.: 61789-86-4<br>EC No.: 263-093-9<br>UK-REACH:<br>Index No.: | 25-40% | Skin Sens. 1B, H317 | [19] |
| Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics | CAS No.: 64742-48-9<br>EC No.: 927-241-2<br>UK-REACH:<br>Index No.: | 15-25% | EUH066<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336 | [19] |

| | | | | |
|---|---|---|---|---|
| | | | Aquatic Chronic 3, H412 | |
| Dimetoxypropanol | CAS No.: 34590-94-8<br>EC No.: 252-104-2<br>UK-REACH:<br>Index No.: | <1% | | [1] |
| N-methyl-N-[C18-(unsaturated)alkanoyl]glycine | CAS No.: 110-25-8<br>EC No.: 701-177-3<br>UK-REACH:<br>Index No.: | <0.25% | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Acute Tox. 4, H332<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412 | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[1] European occupational exposure limit.
[15] The classification as a carcinogen / mutagen will not be taken into account as the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7) (CLP, Annex VI, note P).
[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

IF ON SKIN: Wash with plenty of water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

#### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.
Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

Call a POISON CENTER/doctor if you feel unwell.
If skin irritation or rash occurs: Get medical advice/attention.

### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Flammable liquid and vapour.
In use may form flammable/explosive vapour-air mixture.
Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.
Hazchem Code: ●3Y

## SECTION 6: Accidental release measures

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

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.
Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ground and bond container and receiving equipment.
Use explosion-proof [electrical/lighting/ventilating] equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Take action to prevent static discharges.
Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage conditions

No specific requirements

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Dimetoxypropanol
Long term exposure limit (8 hours) (ppm): 50
Long term exposure limit (8 hours) ($mg/m^3$): 308
Annotations:
Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

Calcium sulfonate

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - General population | Dermal | 513 µg/cm² |
| Long term – Local effects - Workers | Dermal | 1.03 mg/cm² |
| Long term – Systemic effects - General population | Dermal | 1.667 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 3.33 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 2.9 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 11.75 mg/m³ |
| Long term – Systemic effects - General population | Oral | 833.3 µg/kg bw/day |

Dimetoxypropanol

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 121 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 283 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 37.2 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 308 mg/m³ |
| Long term – Systemic effects - General population | Oral | 36 mg/kg bw/day |

Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 178.57 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 837.5 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 410 µg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 1.9 mg/m³ |
| Short term – Local effects - General population | Inhalation | 640 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 1066.67 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 1152 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 1286.4 mg/m³ |

N-methyl-N-[C18-(unsaturated)alkanoyl]glycine

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 5 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 10 mg/kg bw/day |
| Short term – Systemic effects - General population | Dermal | 50 mg/kg bw/day |
| Short term – Systemic effects - Workers | Dermal | 100 mg/kg bw/day |
| Long term – Local effects - General population | Inhalation | 0,005 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 0,01 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 0,1 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 0,2 mg/m³ |
| Short term – Local effects - General population | Inhalation | 9 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 18 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 9 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 18 g/m³ |
| Long term – Systemic effects - General population | Oral | 5 mg/kg bw/day |

Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 178.57 mg/m³ |

| | | |
|---|---|---|
| Long term – Local effects - Workers | Inhalation | 837.5 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 410 µg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 1.9 mg/m³ |
| Short term – Local effects - General population | Inhalation | 640 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 1066.67 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 1152 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 1286.4 mg/m³ |

PNEC

Calcium sulfonate

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 1 mg/L |
| Freshwater sediment | | 226000000 mg/kg |
| Intermittent release (freshwater) | | 10 mg/L |
| Marine water | | 1 mg/L |
| Marine water sediment | | 226000000 mg/kg |
| Predators | | 16.667 mg/kg |
| Sewage treatment plant | | 1 g/L |
| Soil | | 271000 g/kg |

Dimetoxypropanol

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 19 mg/L |
| Freshwater sediment | | 70.2 mg/kg |
| Intermittent release (freshwater) | | 190 mg/L |
| Marine water | | 1.9 mg/L |
| Marine water sediment | | 7.02 mg/kg |
| Sewage treatment plant | | 4.168 g/L |
| Soil | | 2.74 mg/kg |

N-methyl-N-[C18-(unsaturated)alkanoyl]glycine

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 0,00043 mg/L |
| Marine water | | 0,000043 mg/L |
| Sewage treatment plant | | 13 mg/L |

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment

### Generally

Use only UKCA marked protective equipment.

### Respiratory Equipment

| Type | Class | Colour | Standards |
|---|---|---|---|
| Respiratory protection is not needed in the event of adequate ventilation. | | | |

### Skin protection

| Recommended | Type/Category | Standards | |
|---|---|---|---|
| Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester. | - | - | |

### Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|---|---|---|---|---|
| Nitrile | 0,38 | > 480 | EN374-2, EN16523-1, EN388 | |

### Eye protection

| Type | Standards | |
|---|---|---|
| Safety glasses | EN166 | |

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Transparent white

#### Odour / Odour threshold

Solvent

#### pH

Not applicable - pH is not defined for non-aqueous systems

#### Density (g/cm$^3$)

0.89 (20 °C)

#### Kinematic viscosity

>20,5 mm$^2$/s (40 °C)

#### Particle characteristics

Not applicable - product is a liquid

### Phase changes

#### Melting point/Freezing point (°C)

No data available

#### Softening point/range (°C)

Does not apply to liquids.

#### Boiling point (°C)

140 - 170

#### Vapour pressure

0.5 kPa (20 °C)

#### Relative vapour density

4,5

#### Decomposition temperature (°C)

Not applicable - based on structure

### Data on fire and explosion hazards

Flash point (°C)
29
Flammability (°C)
The material is ignitable.
Auto-ignition temperature (°C)
>200
Lower and upper explosion limit (% v/v)
0.8 - 6

Solubility
Solubility in water
Insoluble
n-octanol/water coefficient (LogKow)
>4
Solubility in fat (g/L)
No data available.

9.2. Other information
VOC (g/l)
664
Oxidizing properties
Non-oxidizing
Other physical and chemical parameters
No data available.

## SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.
10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.
10.3. Possibility of hazardous reactions
None known.
10.4. Conditions to avoid
Avoid static electricity.
Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | > 5000 mg/m³ |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | > 2000 mg/kg |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | > 2000 mg/kg |

| | |
|---|---|
| Product/substance | Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics |
| Species: | Rat |

| | |
|---|---|
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | > 5000 mg/kg |

| | |
|---|---|
| Product/substance | Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | > 5000 mg/kg |

| | |
|---|---|
| Product/substance | Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | > 5000 mg/m³ |

| | |
|---|---|
| Product/substance | N-methyl-N-[C18-(unsaturated)alkanoyl]glycine |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | > 5.000 mg/kg |

| | |
|---|---|
| Product/substance | N-methyl-N-[C18-(unsaturated)alkanoyl]glycine |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | 3,7 mg/l |

Based on available data, the classification criteria are not met.

### Skin corrosion/irritation
Based on available data, the classification criteria are not met.

### Serious eye damage/irritation
Based on available data, the classification criteria are not met.

### Respiratory sensitisation
Based on available data, the classification criteria are not met.

### Skin sensitisation
May cause an allergic skin reaction.

### Germ cell mutagenicity
The chemical structure does not suggest a mutagenic effect.

### Carcinogenicity
Does not present any cancer hazards.

### Reproductive toxicity
The chemical structure does not suggest such an effect.

### STOT-single exposure
May cause drowsiness or dizziness.

### STOT-repeated exposure
Based on available data, the classification criteria are not met.

### Aspiration hazard
Not classified.

### 11.2. Information on other hazards

### Long term effects
None known.

### Endocrine disrupting properties
This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### Other information
None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Fish |
| Duration: | No data available. |
| Result: | > 100 mg/L |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Algae |
| Duration: | No data available. |
| Result: | > 100 mg/L |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Crustacean |
| Duration: | No data available. |
| Result: | > 100 mg/L |

| | |
|---|---|
| Product/substance | Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics |
| Species: | Fish |
| Duration: | No data available. |
| Result: | 10 - 30 mg/L |

| | |
|---|---|
| Product/substance | Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics |
| Species: | Algae |
| Duration: | No data available. |
| Result: | > 1000 mg/L |

| | |
|---|---|
| Product/substance | Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics |
| Species: | Crustacean |
| Duration: | No data available. |
| Result: | 22 - 46 mg/L |

| | |
|---|---|
| Product/substance | N-methyl-N-[C18-(unsaturated)alkanoyl]glycine |
| Species: | Fish, Leuciscus idus |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 9,3 mg/l |

| | |
|---|---|
| Product/substance | N-methyl-N-[C18-(unsaturated)alkanoyl]glycine |
| Species: | Algae, Desmodesmus subspicatus |
| Duration: | 72 hours |
| Test: | NOEC |
| Result: | 0,91 mg/l |

| | |
|---|---|
| Product/substance | N-methyl-N-[C18-(unsaturated)alkanoyl]glycine |
| Species: | Crustacean, Daphnia magna |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 0,43 mg/l |

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability
Based on available data, the classification criteria are not met.

### 12.3. Bioaccumulative potential
Based on available data, the classification criteria are not met.

### 12.4. Mobility in soil
No data available.

### 12.5. Results of PBT and vPvB assessment
This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties
This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects
This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

## SECTION 13: Disposal considerations

### Waste treatment methods
Product is covered by the regulations on hazardous waste. (*)
HP 3 - Flammable
HP 13 – Sensitising

Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|---|
| ADR | UN1139 | COATING SOLUTION | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br> | III | No | Limited quantities: 5 L<br>Tunnel restriction code: (D/E)<br>See below for additional information. |
| IMDG | UN1139 | COATING SOLUTION | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br> | III | No | Limited quantities: 5 L<br>EmS: F-E S-E<br>See below for additional information. |
| IATA | UN1139 | COATING SOLUTION | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br> | III | No | See below for additional information. |

* Packing group

** Environmental hazards

### Additional information

This product is within scope of the regulations of transport of dangerous goods.
ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
Hazchem Code: ●3Y

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

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

#### Restrictions for application

Restricted to professional users.
People under the age of 18 shall not be exposed to this product.

#### Demands for specific education

No specific requirements.

#### Control of Major Accident Hazards (COMAH) - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

#### UK-REACH, Annex XVII

Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% is subject to UK-REACH restrictions (entry 40).
Hydrocarbons, C9-C10, n-alcane, isoalkane, cyclene, < 2% aromatics is subject to UK-REACH restrictions (entry 40).

#### Additional information

Not applicable.

#### Sources

The Management of Health and Safety at Work Regulations 1999.
Control of Major Accident Hazards (COMAH) Regulations 2015.
2012 No. 1715 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.
H226, Flammable liquid and vapour.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.
H400, Very toxic to aquatic life.
H412, Harmful to aquatic life with long lasting effects.

#### The full text of identified uses as mentioned in section 1

LCS "IS" = Industrial uses: Uses of substances as such or in preparations at industrial sites
LCS "C" = Consumer uses: Private households (= general public = consumers)
LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PC 14 = Metal surface treatment products, including galvanic and electroplating products

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association

IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.
The classification of the mixture in regard to physical hazards has been based on experimental data.

### The safety data sheet is validated by

Nina Nyth

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
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