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

Date issued 31.05.2016

1.1. Product identifier
Product name Mercasol 3110 Waxcoat
Chemical name Anti rust compound
Article no. 44700

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/preparation Used as corrosion protection on iron and steel structures that are not exposed to direct mechanical abration. Used as topcoat in the Waxcoat system.
Relevant identified uses SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
PC14 Metal surface treatment products, including galvanic and electroplating products,

1.3. Details of the supplier of the safety data sheet
Manufacturer
Company name Auson AB
Postal address Verkstadsgatan 3
Postcode S-434 42
City KUNGSBACKA
Country SVERIGE
Tel +46 300-562000
Fax +46 300-562021
E-mail nina.nyth@auson.se
Website http://www.auson.se/
Contact person Nina Nyth

1.4. Emergency telephone number
Emergency telephone ::112

SECTION 2: Hazards identification

2.1. Classification of substance or mixture
Classification according to 67/548/EEC or 1999/45/EC Xi; R10, R43, R66, R67
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Flam. Liq. 3; H226
Skin Sens. 1; H317
STOT SE3; H336
EUH 066

2.2. Label elements
EC label Yes

Hazard Pictograms (CLP)
Composition on the label

Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%; 35 - 40 %, Calcium sulfonate: 15 - 20 %, Filler, pigment: 25 - 30 %, Wax: 10 - 15 %, Talc: 3 - 5 %

Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. EUH 066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements


VOC

Product Subcategory: Speciallacker
Relevant VOC limit values: 840 g/l
Maximum content of VOC: 388 g/l

2.3. Other hazards

Description of hazard

Flammable. May cause allergy in contact with skin. Vapours may cause drowsiness and dizziness. Repeated exposure may cause skin dryness or cracking.

Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Substance</th>
<th>Identification</th>
<th>Classification</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy, benzene &lt; 0,1%</td>
<td>CAS no.: 64742-48-9 EC no.: 265-150-3 Index no.: 649-327-00-6</td>
<td>Xn; R10,R65,R66,R67 Flam. Liq. 3; H226; Asp. tox 1; H304; STOT SE3; H336; EUH 066</td>
<td>35 - 40 %</td>
</tr>
<tr>
<td>Calcium sulfonate</td>
<td>CAS no.: 61789-86-4 EC no.: 263-093-9</td>
<td>Xi; R43 Skin Sens. 1; H317</td>
<td>15 - 20 %</td>
</tr>
<tr>
<td>Filler, pigment</td>
<td>CAS no.: 1317-65-3 EC no.: 215-279-6</td>
<td>25 - 30 %</td>
<td></td>
</tr>
<tr>
<td>Wax</td>
<td>CAS no.: 63231-60-7 EC no.: 264-038-1</td>
<td>10 - 15 %</td>
<td></td>
</tr>
<tr>
<td>Talc</td>
<td>CAS no.: 14807-96-6 EC no.: 238-877-9</td>
<td>3 - 5 %</td>
<td></td>
</tr>
</tbody>
</table>

Remarks, substance

See section 16 for explanation of Risk-phrases (R) and hazard statements (H) listed above.

Substance comments

H304 is not required on the label due to the product's viscosity.

SECTION 4: First aid measures

4.1. Description of first aid measures

General

If symptoms persist, call a physician.

Inhalation

Fresh air and rest.

Skin contact

Remove contaminated clothing. Wash the skin with water and soap.

Eye contact

Flush immediately with water for at least 5 minutes.
Ingestion

Drink water or milk/cream immediately. DO NOT INDUCE VOMITING! Get medical advice if large quantities have been consumed.

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

Information for health personnel

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Specific details on antidotes

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry chemical, foam or carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards

Flammable. Even at temperatures slightly higher than room temperature, vapours may form explosive mixture with air. The smoke developed in case of fire contains carbon oxides, aromatic and aliphatic hydrocarbons.

5.3. Advice for firefighters

Other Information

Containers near fire must be moved and/or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures

Refer to protective measures listed in section 8.

6.2. Environmental precautions

Environmental precautionary measures

Do not allow spill to enter sewers or watercourses. Contact relevant authorities in the event of/when large spill.

6.3. Methods and material for containment and cleaning up

Cleaning method

Collect with absorbent, non-combustible material into suitable containers. Clean with water.

6.4. Reference to other sections

Other instructions

See Section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

Provide adequate ventilation. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Store as flammable material. Store in sealed, original containers in well-ventilated place. Shelf life 12 months if stored and handled as recommended.

7.3. Specific end use(s)

Specific use(s)

See Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure limit values

<table>
<thead>
<tr>
<th>Substance</th>
<th>Identification</th>
<th>Value</th>
<th>TWA Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy, benzene &lt; 0.1%</td>
<td>CAS no.: 64742-48-9</td>
<td>8-hour TWA: 50 ppm</td>
<td>2011</td>
</tr>
<tr>
<td></td>
<td>EC no.: 265-150-3</td>
<td>8-hour TWA: 300 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Index no.: 649-327-00-6</td>
<td>15 min.: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 min.: 600 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

DNEL / PNEC
8.2. Exposure controls

Limitation of exposure on workplace

No smoking, fire, sparks or welding. Eye wash facilities and emergency shower must be available when handling this product. Provide good ventilation.

Safety signs

Respiratory protection

If ventilation is insufficient, use a respirator with A filter.

Hand protection

Use protective gloves if there is a possibility of direct contact or splashes. Suitable glove material: nitrile rubber.

Eye / face protection

Wear approved, tight fitting safety glasses where splashing is probable.

Skin protection

Wear protective clothing as needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Viscous liquid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Light brown</td>
</tr>
<tr>
<td>Odour</td>
<td>Solvent.</td>
</tr>
<tr>
<td>Comments, Odour limit</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Comments, Melting point / melting range</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>Value: 150-200 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>Value: 40 °C</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Value: 1080-1120 kg/m³</td>
</tr>
<tr>
<td>Test temperature</td>
<td>20 °C</td>
</tr>
<tr>
<td>Solubility description</td>
<td>Soluble in most organic solvents.</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Spontaneous combusstability</td>
<td>Value: &gt; 200 °C</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Value: 140-190 mPas</td>
</tr>
<tr>
<td>Method of testing</td>
<td>Physica Rheolab MC 10</td>
</tr>
<tr>
<td>Test temperature</td>
<td>23 °C</td>
</tr>
</tbody>
</table>

9.2. Other information

Other physical and chemical properties

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity

Keep away from heat / sparks / open flames / hot surfaces. — No smoking.

10.2. Chemical stability

Stability

Stable with normal handling.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid
Conditions to avoid

No information available.

10.5. Incompatible materials

Materials to avoid

No hazardous reactions known.

10.6. Hazardous decomposition products

Hazardous decomposition products

No hazardous decomposition products. Fire causes formation of: Carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data for substances

<table>
<thead>
<tr>
<th>Substance</th>
<th>Naphtha (petroleum), hydrotreated heavy, benzene &lt; 0,1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral</td>
<td>Value: &gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Animal test species: rat</td>
<td></td>
</tr>
<tr>
<td>LD50 dermal</td>
<td>Value: &gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Animal test species: rabbit</td>
<td></td>
</tr>
<tr>
<td>LC50 inhalation</td>
<td>Value: &gt; 5000 mg/m³</td>
</tr>
<tr>
<td>Animal test species: rat</td>
<td></td>
</tr>
<tr>
<td>Duration: 4h</td>
<td></td>
</tr>
</tbody>
</table>

Other information regarding health hazards

General

The symptoms below are applicable to the properties of the solvents.

Potential acute effects

Inhalation

Inhalation may cause: dizziness, fatigue, headache, indisposition.
Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.

Skin contact

Defats the skin; may cause cracking and dermatitis.

Eye contact

Vapour or splashes in the eyes may cause irritation and smarting.

Ingestion

Nausea and vomiting.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity

Does not present any cancer or reproductive hazards.

Assessment Germ Cell Mutagenicity, Classification

The chemical structure does not suggest a mutagenic effect.

SECTION 12: Ecological information

12.1. Toxicity

Toxicological data for substances

<table>
<thead>
<tr>
<th>Substance</th>
<th>Naphtha (petroleum), hydrotreated heavy, benzene &lt; 0,1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute aquatic, fish</td>
<td>Value: &gt; 100 mg/L</td>
</tr>
<tr>
<td>Method of testing: LC50</td>
<td></td>
</tr>
<tr>
<td>Duration: 96h</td>
<td></td>
</tr>
<tr>
<td>Acute aquatic, algae</td>
<td>Value: &gt; 100 mg/L</td>
</tr>
<tr>
<td>Method of testing: EC50</td>
<td></td>
</tr>
<tr>
<td>Duration: 72h</td>
<td></td>
</tr>
<tr>
<td>Acute aquatic, Daphnia</td>
<td>Value: &gt; 100 mg/L</td>
</tr>
<tr>
<td>Method of testing: EC50</td>
<td></td>
</tr>
<tr>
<td>Duration: 48h</td>
<td></td>
</tr>
<tr>
<td>Aquatic, comments</td>
<td>Low toxicity for aquatic organisms. Available data indicates that only larger local discharges may cause a risk.</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Is relatively readily biodegradable by natural micro organisms.</td>
</tr>
<tr>
<td>Bioaccumulation</td>
<td>Bioaccumulates in the aquatic environment. Log Pow = 2-7, which indicates a low potential of bioaccumulation (the values are estimated).</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Persistence and degradability

Not readily degradable.
12.3. Bioaccumulative potential
Bioaccumulative potential Has the potential to bioaccumulate.

12.4. Mobility in soil
Comments, Water solubility Insoluble in water

12.5. Results of PBT and vPvB assessment
PBT assessment results The product does not contain any PBT or vPvB substance.

12.6. Other adverse effects
Other adverse effects / Remarks Quantitative data on the ecological effects of this product are not available. Do not allow to enter waters, waste water or soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Specify the appropriate methods of disposal Dispose of in compliance with local regulations.
Product classified as hazardous waste Yes
Packaging classified as hazardous waste No
EWC waste code EWC: 08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

14.1. UN number
ADR / RID / ADN 1139
RID 1139
IMDG 1139
ICAO/IATA 1139

14.2. UN proper shipping name
Proper Shipping Name English Mercasol 3110 Waxcoat
ADR/RID/ADN COATING SOLUTION (Petroleum products)
ADR COATING SOLUTION (Petroleum products)
RID COATING SOLUTION (Petroleum products)
IMDG COATING SOLUTION (Petroleum products)
ICAO/IATA COATING SOLUTION (Petroleum products)

14.3. Transport hazard class(es)
ADR / RID / ADN 3
RID 3
IMDG 3
ICAO/IATA 3

14.4. Packing group
ADR III
RID III
IMDG III
ICAO/IATA III

14.5. Environmental hazards
ADR No
RID No
ADN No
IMDG No
IMDG Marine pollutant No

14.6. Special precautions for user
### SECTION 15: Regulatory information

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

**EEC-directive**

2006/121/2006

**References (laws/regulations)**

The product is classified and labelled in accordance with EEC guidelines or national legislation.

**Legislation and regulations**


#### 15.2. Chemical safety assessment

**Chemical safety assessment performed**

No

### SECTION 16: Other information

**R-phrases**

- R10 Flammable.
- R43 May cause sensitization by skin contact.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

**S-phrases**

- S2 Keep out of the reach of children.
- S16 Keep away from sources of ignition - No smoking.
- S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Supplier's notes**

These data are based on our best knowledge to date, however they do not imply any guarantee on the properties or quality of the product.

**Expired date**

31.05.2016

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

<table>
<thead>
<tr>
<th>Flam. Liq.</th>
<th>H226</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Sens.</td>
<td>H317</td>
</tr>
<tr>
<td>STOT SE3</td>
<td>H336</td>
</tr>
</tbody>
</table>

**List of relevant R-phrases (under headings 2 and 3).**

- R43 May cause sensitization by skin contact.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.
- R10 Flammable.

**List of relevant H-phrases (Section 2 and 3).**

- H304 May be fatal if swallowed and enters airways.
- H226 Flammable liquid and vapour.
- H336 May cause drowsiness or dizziness.
- H317 May cause an allergic skin reaction.
- EUH 066 Repeated exposure may cause skin dryness or cracking.

**Version**

4

**Responsible for safety data sheet**

Auson AB