SAFETY DATA SHEET
Noxudol 900 D

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

Date issued: 04.05.2012

1.1. Product identifier

Product name: Noxudol 900 D
Chemical name: Anti rust compound
Article no.: 30010

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

Use of the substance/preparation: Corrosion inhibitor
Relevant identified uses: SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
PC6 Automotive Care Products***
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 the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC: R10, R66

2.2. Label elements

R phrases:
R10 Flammable. R66 Repeated exposure may cause skin dryness or cracking.

S phrases:
S2 Keep out of the reach of children. S23 Do not breathe gas/fumes/vapour/spray. S46 If swallowed, seek medical advice immediately and show this container or label. S51 Use only in well-ventilated areas. S56 Dispose of this material and its container to hazardous or special waste collection point.

EC label:
Yes

Composition on the label:
Naphtha (petroleum), hydrotreated heavy, bensen < 0,1%: 30 - 35 %,
Oxidized bitumen: 45 - 50 %, Filler: ~ 20 %

VOC: Subcategory of the product: Special finishes
2.3. Other hazards

Description of hazard: Flammable. Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Component name</th>
<th>Identification</th>
<th>Classification</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy, bensen &lt; 0.1%</td>
<td></td>
<td>Xn; R10, R65, R66</td>
<td>30 - 35 %</td>
</tr>
<tr>
<td></td>
<td>EC no.: 265-150-3</td>
<td>Flam. Liq. 3; H226</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Index no.: 649327-00-6</td>
<td>Asp. tox 1; H304 EUH 066</td>
<td></td>
</tr>
<tr>
<td>Oxidized bitumen</td>
<td>CAS no.: 64742-93-4</td>
<td></td>
<td>45 - 50 %</td>
</tr>
<tr>
<td></td>
<td>EC no.: 265-196-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filler</td>
<td></td>
<td>EUH 066</td>
<td></td>
</tr>
</tbody>
</table>

Component comments: Destillat petroleum 64742-48-9 bensen < 0.1 %.

SECTION 4: First aid measures

4.1. Description of first aid measures

- **Inhalation**: Fresh air and rest.
- **Skin contact**: Wash the skin with water and soap. Remove contaminated clothing.
- **Eye contact**: Flush immediately with water for at least 5 minutes. Get medical attention if any discomfort continues.
- **Ingestion**: Give water to drink if the affected person is fully conscious. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING! In an emergency, contact the national Poisons Information Centre.

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

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).
- **Improper extinguishing media**: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

- **Fire and explosion hazards**: Heating leads to formation of combustible vapour which may form explosive mixture with air.

5.3. Advice for firefighters

- **Personal protective equipment**: Breathing apparatus should be used in fire fighting.
- **Other Information**: Containers close to fire should be removed immediately or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- **Personal precautions**: Use appropriate protective equipment. Keep unauthorized personnel away.

6.2. Environmental precautions

- **Environmental precautions**: Do not allow spill to enter sewers or watercourses.

6.3. Methods and material for containment and cleaning up

- **Methods for cleaning**: Collect with absorbent, non-combustible material into suitable containers. Destroy according to applicable regulations.

6.4. Reference to other sections
SECTION 7: Handling and storage

7.1. Precautions for safe handling
Handling
Wear prescribed personal protective equipment. Avoid sources of sparking (smoking, fire, static electricity). Provide adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities
Storage
Store in original container. Keep away from sources of ignition - No smoking.

Special risks and properties
Heating forms toxic gases.

7.3. Specific end use(s)
Specific use(s)
See Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Exposure limit values

<table>
<thead>
<tr>
<th>Component name</th>
<th>Identification</th>
<th>Value</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy, bensen &lt; 0,1%</td>
<td>CAS no.: 64742-48-9</td>
<td>8 h.: 50 ppm</td>
<td>2007</td>
</tr>
<tr>
<td></td>
<td>EC no.: 265-150-3</td>
<td>8 h.: 350 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Index no.: 649327-00-6</td>
<td>15 min.: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 min.: 500 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

DNEL / PNEC
Summary of risk management measures, man
No information available.

Summary of risk management measures, environment
No information available.

8.2. Exposure controls
Occupational exposure controls
Eyewash facilities should be available at the workplace. No smoking, fire, sparks or welding. Keep containers closed, as much as possible. Provide good ventilation.

Safety signs

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

Hand protection
Protective gloves must be used if there is a risk of direct contact or splashes. Use protective gloves made of: nitrile rubber.

Eye / face protection
Wear approved, tight fitting safety glasses where splashing is probable.

Skin protection
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>Black.</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic.</td>
</tr>
</tbody>
</table>
**Boiling point / boiling range**
Value: \(150 \, ^\circ\text{C}\)

**Flash point**
Value: \(40 \, ^\circ\text{C}\)

**Explosion limit**
Value: 1-6 %

**Specific gravity**
Value: 1040 kg/m³

**Solubility description**
Soluble in organic solvents.

**Solubility in water**
Insoluble in water

### 9.2. Other information

#### SECTION 10: Stability and reactivity

**10.1. Reactivity**

**10.2. Chemical stability**
Stable with normal handling.

**10.3. Possibility of hazardous reactions**

**10.4. Conditions to avoid**
No information available.

**10.5. Incompatible materials**
No hazardous reactions known.

**10.6. Hazardous decomposition products**

#### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Components' toxicological data**

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

**Potential acute effects**

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Headache. Dizziness. Indisposition. May cause unconsciousness at high concentration.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin contact</td>
<td>Defats the skin. Blush. Dermal fissure. Prolonged or repeated skin contact may cause dermatitis.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Vapour or splashes in the eyes may cause irritation and smarting.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Abdominal pains. Vomiting. Causes similar symptoms as by inhalation.</td>
</tr>
</tbody>
</table>

#### SECTION 12: Ecological information

**12.1. Toxicity**

**Components' toxicological data**

<table>
<thead>
<tr>
<th>Component</th>
<th>Naphtha (petroleum), hydrotreated heavy, bensen &lt; 0,1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute aquatic, fish</td>
<td>Method of testing: LC50</td>
</tr>
<tr>
<td></td>
<td>Duration: 96h</td>
</tr>
<tr>
<td>Acute aquatic, algae</td>
<td>Value: &gt; 100 mg/L</td>
</tr>
<tr>
<td></td>
<td>Method of testing: EC50</td>
</tr>
<tr>
<td></td>
<td>Duration: 72h</td>
</tr>
<tr>
<td>Acute aquatic, Daphnia</td>
<td>Value: &gt; 100 mg/L</td>
</tr>
<tr>
<td></td>
<td>Method of testing: EC50</td>
</tr>
<tr>
<td></td>
<td>Duration: 48h</td>
</tr>
</tbody>
</table>
Aquatic, comments
Low toxicity for aquatic organisms. Available data indicates that only larger local discharges may cause a risk.

Persistence and degradability
Is relatively readily biodegradable by natural micro organisms.

Bioaccumulation
Bioaccumulates in the aquatic environment. Log Pow = 2-7, which indicates a low potential of bioaccumulation (the values are estimated).

12.2. Persistence and degradability
12.3. Bioaccumulative potential
12.4. Mobility in soil
12.5. Results of PBT and vPvB assessment
PBT assessment results
No information available.

12.6. Other adverse effects
Environmental details, conclusion
Not considered dangerous for the environment.

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Residues must be treated as hazardous waste. Dispose of in compliance with local regulations.

Product classified as hazardous waste
Yes

Packaging classified as hazardous waste
No

EWC waste code
EWC: 13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils

SECTION 14: Transport information
14.1. UN number
ADR
1139
RID
1139
IMDG
1139
ICAO/IATA
1139

14.2. UN proper shipping name
ADR
COATING SOLUTION
RID
COATING SOLUTION
IMDG
COATING SOLUTION
ICAO/IATA
COATING SOLUTION

14.3. Transport hazard class(es)
ADR
3
Hazard no.
30
RID
3
IMDG
3
ICAO/IATA
3

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

14.5. Environmental hazards

14.6. Special precautions for user
EmS
F-E, S-E

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
SECTION 15: Regulatory information

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

<table>
<thead>
<tr>
<th>References (laws/regulations)</th>
<th>The product is classified and labelled in accordance with EEC guidelines or national legislation.</th>
</tr>
</thead>
</table>

15.2. Chemical safety assessment

SECTION 16: Other information

<table>
<thead>
<tr>
<th>Supplier's notes</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expired date</td>
<td>04.05.2015</td>
</tr>
</tbody>
</table>
| List of relevant R phrases (under headings 2 and 3.) | R10 Flammable.  
R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking. |
| List of relevant H-phrases (Section 2 and 3.) | EUH 066 Repeated exposure may cause skin dryness or cracking.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways. |
| Responsible for safety data sheet | Auson AB |