SAFETY DATA SHEET
Noxudol UM 1600

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

Date issued	04.05.2012

1.1. Product identifier

Product name	Noxudol UM 1600
Chemical name	Underbody Protection
Article no.	31500

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

Producer

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	S-2 Keep out of the reach of children. S-23 Do not breathe vapour/spray. S-46 If swallowed, seek medical advice immediately and show this container or label. S-51 Use only in well-ventilated areas. S-56 Dispose of this material and its container at hazardous or special waste collection point.
EC lable	Yes
Composition on the label	Naphtha (petroleum), hydrotreated heavy, bensen < 0,1%: 25 - 35 %, Oxidized bitumen: 35 - 45 %, Filler, pigment: 20 - 25 %, Calcium sulphonate: 1 - 5 %
EEC-directive	2006/121/2006
VOC	Subcategory of the product: Special finishes

	Relevant VOC limit values: 840 g/l Maximum content of VOC: 291,2 g/l

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

Component name	Identification	Classification	Contents
Naphtha (petroleum), hydrotreated heavy, bensen < 0,1%	CAS no.: 64742-48-9 EC no.: 265-150-3 Index no.: 649327-00-6	Xn; R10,R65,R66 Flam. Liq. 3;H226 Asp. tox 1; H304 EUH 066	25 - 35 %
Oxidized bitumen	CAS no.: 64742-93-4 EC no.: 265-196-4		35 - 45 %
Filler, pigment	CAS no.: 1317-65-3 EC no.: 215-279-6		20 - 25 %
Calcium sulphonate	CAS no.: 68783-96-0 EC no.: 272-213-9		1 - 5 %

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).

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.

6.2. Environmental precautions

Environmental precautions	Do not allow spill to enter sewers or watercourses. Inform appropriate authorities if large amounts are involved.

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 smoking, open flames, welding etc. Sörj för god ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed. Förvaras åtskilt från antändningskällor - Rökning förbjuden. Store in original container.
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

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

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	Provide good ventilation. Eyewash facilities should be available at the workplace. No smoking, fire, sparks or welding.

Safety signs

Respiratory protection

Respiratory protection	Respirator with A filter (brown).

Hand protection

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

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

Skin protection

Skin protection (other than of the hands)	Protective clothing as needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Viscous liquid.
Colour	Black.

Odour	Characteristic.
Boiling point / boiling range	Value: = 150 °C
Flash point	Value: = 40 °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

Stability	Stable with normal handling.

10.3. Possibility of hazardous reactions

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Components' toxicological data

Component	Naphtha (petroleum), hydrotreated heavy, bensen < 0,1%
LD50 oral	Value: > 2000 mg/kg Test animal species: rat
LD50 dermal	Value: > 2000 mg/kg Test animal species: rabbit
LC50 inhalation	Value: > 5000 mg/m³ Test animal species: rat Duration: 4h

Potential acute effects

Inhalation	Indisposition. Dizziness. Headache. High concentrations may cause breathing difficulties and unconsciousness.
Skin contact	Defats the skin. Blush. Dermal fissure.
Eye contact	Stinging.
Ingestion	Abdominal pains. Vomiting. Causes similar symptoms as by inhalation.

SECTION 12: Ecological information

12.1. Toxicity

Components' toxicological data

Component	Naphtha (petroleum), hydrotreated heavy, bensen < 0,1%
Acute aquatic, fish	Method of testing: LC50 Duration: 96h
Acute aquatic, algae	Value: > 100 mg/L Method of testing: EC50 Duration: 72h
Acute aquatic, Daphnia	Value: > 100 mg/L Method of testing: EC50 Duration: 48h

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	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

Other applicable information.

Other applicable information.	* ADR-S: The products are not comprised by the regulations in ADR-S according to section 2.2.3.1.5 or IMDG according to section 2.3.2.5. Limited quantity

SECTION 15: Regulatory information

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

References (laws/regulations)	The product is classified and labelled in accordance with EEC guidelines or national legislation.
Legislation and regulations	Regulation (EG) nr. 1907/2006

15.2. Chemical safety assessment

SECTION 16: Other information

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. In case of uncertainties we advise you to make own tests or ask for written directions from us.
Expired date	04.05.2015
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