

# SAFETY DATA SHEET

## Noxudol UM 1600

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	26.01.2018
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#### 1.1. Product identifier

Product name	Noxudol UM 1600
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,
The chemical can be used by the general public	Yes

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

##### Manufacturer

Company name	Auson AB
Postal address	Verkstadsгатan 3
Postcode	S-434 42
City	KUNGSBACKA
Country	SVERIGE
Telephone number	+46 300-562000
Fax	+46 300-562021
Email	<a href="mailto:nina.nyth@auson.se">nina.nyth@auson.se</a>
Website	<a href="http://www.auson.se/">http://www.auson.se/</a>
Contact person	Nina Nyth

#### 1.4. Emergency telephone number

Emergency telephone	Telephone number: 112
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Description: SOS Alarm

## SECTION 2: Hazards identification

### 2.1. Classification of substance or mixture

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

#### Hazard pictograms (CLP)



Composition on the label	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% 25 – 35 %, Calcium sulfonate 1 -3 %, Oxidized bitumen 45 -55 %, Clay 15 -20 %
Signal word	Warning
Hazard statements	H226 Flammable liquid and vapour. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness.
Precautionary statements	P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. 261 Avoid breathing vapours. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents at hazardous or special waste collection point.
Supplemental label information	EUH 066 Repeated exposure may cause skin dryness or cracking.
EC label	Yes
VOC	Product subcategory : Special finishes Relevant VOC limit values: 840 g/l Maximum content of VOC: 291,2 g/l

### 2.3. Other hazards

Hazard description, general	Flammable
Other hazards	None

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Naphtha (petroleum) , hy-	CAS No.: 64742-48-9	Flam. Liq. 3; H226	25 – 35 %

drotreated heavy, benzene < 0,1%	EC No.: 265-150-3 Index No.: 649-327-00-6	Asp. tox 1; H304 STOT SE3; H336 EUH 066	
Calcium sulfonate	CAS No.: 61789-86-4 EC No.: 263-093-9	Skin Sens. 1; H317	1 -3 %
Oxidized bitumen	CAS No.: 64742-93-4 EC No.: 265-196-4		45 -55 %
Clay	CAS No.: 1332-58-7 EC No.: 310-127-6		15 -20 %
Remarks, substance	See section 16 for explanation of 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

Inhalation	Fresh air and rest.
Skin contact	Wash the skin with water and soap. Remove contaminated clothing. Get medical advice if discomfort develops.
Eye contact	Flush immediately with water for at least 5 minutes. Keep eye wide open while flushing. Get medical attention if any discomfort continues.
Ingestion	Immediately give a few tablespoons of cooking oil, sour cream, cream, or melted ice cream (NB! large amounts of fat) if the patient is fully conscious. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING! Immediately consult a doctor.

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

General symptoms and effects	No further relevant information available.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes	No information available.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO <sub>2</sub> ).
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	Burning material may cause toxic vapours.
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### 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 protection measures	Use the specified protective equipment. Keep unauthorized personnel away.
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### 6.2. Environmental precautions

Environmental precautionary measures	Do not allow spill to enter sewers or watercourses. Inform appropriate authorities if large amounts are involved.
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### 6.3. Methods and material for containment and cleaning up

Clean up	Collect with absorbent, non-combustible material into suitable containers. Destroy according to applicable regulations.
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### 6.4. Reference to other sections

Other instructions	See Section 8 and section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Wear prescribed personal protective equipment.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed. Keep away from ignition sources. Store in original container.
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### 7.3. Specific end use(s)

Specific use(s)	See Section 1.2
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## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Naphtha (petroleum) , hydrotreated heavy, benzene < 0,1%	CAS No.: 64742-48-9	TWA (8h) : 50 ppm TWA (8h) : 300 mg/m <sup>3</sup> <b>OEL short term value</b> Value: 100 ppm <b>OEL short term value</b> Value: 600 mg/m <sup>3</sup>	TWA Year: 2011

### DNEL / PNEC

Summary of risk management measures, human	No information available.
Summary of risk management measures, environment	No information available.

## 8.2. Exposure controls

### Safety signs



### Precautionary measures to prevent exposure

Appropriate engineering controls	No smoking, fire, sparks or welding. Eyewash facilities should be available at the workplace. Avoid contact with skin and eyes. Provide good ventilation. Keep containers closed, as much as possible.
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### Eye / face protection

Suitable eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
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### Hand protection

Skin- / hand protection, long term contact	Protective gloves must be used if there is a risk of direct contact or splashes.
Suitable materials	Nitrile rubber.
Breakthrough time	Value: > 480 min Comments: Change protective gloves regularly in order to avoid penetration problems.
Thickness of glove material	Value: ≥ 0,38 mm

### Skin protection

Skin protection remark	Protective clothing must be worn if there is a possibility of direct contact or splashes.
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### Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation wear respiratory protection.
Recommended respiratory protection	Filter apparatus type: Respirator with A filter (brown).

## SECTION 9: Physical and chemical properties

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

Physical state	Viscous substance.
Colour	Black.
Odour	Aromatic.
Odour limit	Comments: Not determined.
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Value: 150 – 200 °C
Flash point	Value: 40 °C
Explosion limit	Value: 1 – 6 %

Density	Value: ~ 1040 kg/m <sup>3</sup> Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.
Viscosity	Value: 600 – 800 mPas Method: Physica Rheolab MC 10 Temperature: 23 °C

## 9.2. Other information

### Other physical and chemical properties

Comments	No further relevant information available.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	Keep away from heat / sparks / open flames / hot surfaces. — No smoking.
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### 10.2. Chemical stability

Stability	Stable with normal handling.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known.
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### 10.4. Conditions to avoid

Conditions to avoid	No information available.
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### 10.5. Incompatible materials

Materials to avoid	No hazardous reactions known.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No formation of hazardous decomposition products are expected under normal conditions.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute toxicity	<b>Type of toxicity:</b> Acute <b>Effect tested:</b> LD50 <b>Route of exposure:</b> Oral <b>Value:</b> > 2000 mg/kg <b>Animal test species:</b> rat  <b>Type of toxicity:</b> Acute

**Effect tested:** LD50  
**Route of exposure:** Dermal  
**Value:** > 2000 mg/kg  
**Animal test species:** rabbit  
  
**Type of toxicity:** Acute  
**Effect tested:** LC50  
**Route of exposure:** Inhalation.  
**Duration:** 4h  
**Value:** > 5000 mg/m<sup>3</sup>  
**Animal test species:** rat

## Other information regarding health hazards

Acute toxicity, human experience	Not classified.
Skin corrosion / irritation, human experience	May cause an allergic skin reaction.
Eye damage or irritation, human experience	Reliable information on eye effects is lacking. There is no reason to suspect such effects, but handle it with care and report any symptoms or injuries to the manufacturer or the distributor
General	Solvent vapours may evaporate from the product.
Inhalation	May cause: dizziness, fatigue, headache, indisposition.
Skin contact	Defats the skin. Blush. Dermal fissure. Prolonged or repeated skin contact may cause dermatitis.
Eye contact	Stinging.
Ingestion	Abdominal pains. Vomiting. Causes similar symptoms as by inhalation.
Assessment of germ cell mutagenicity, classification	The chemical structure does not suggest a mutagenic effect.
Carcinogenicity, other information	Does not present any cancer or reproductive hazards.
Reproductive toxicity	The chemical structure does not suggest such an effect.
Specific target organ toxicity SE, human experience	May cause drowsiness or dizziness.
Aspiration hazard, human experience	Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute aquatic, fish	<b>Value:</b> > 100 mg/L <b>Test duration:</b> 96h <b>Method:</b> LC50
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute aquatic, algae	<b>Value:</b> > 100 mg/L

	<b>Test duration:</b> 72h <b>Method:</b> EC50
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute aquatic, Daphnia	<b>Value:</b> > 100 mg/L <b>Test duration:</b> 48h <b>Method:</b> EC50
Ecotoxicity	Ecotoxicity data are not known for this product.

## 12.2. Persistence and degradability

Persistence and degradability, comments	Not readily degradable.
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## 12.3. Bioaccumulative potential

Bioaccumulative potential	Has the potential to bioaccumulate.
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## 12.4. Mobility in soil

Mobility	Expected to have relatively low mobility in soil.
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## 12.5. Results of PBT and vPvB assessment

PBT assessment results	The product does not contain any PBT or vPvB substance.
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## 12.6. Other adverse effects

Other adverse effects, comments	Does not cause long term adverse effects in the aquatic environment.
Environmental details, summation	Not considered dangerous for the environment.

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of in compliance with local regulations.
EWC waste code	EWC waste code: 13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils Classified as hazardous waste: Yes
EWL packing	Classified as hazardous waste: No

# SECTION 14: Transport information

Dangerous goods	Yes
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## 14.1. UN number

ADR / RID / ADN	1139
IMDG	1139



ICAO / IATA	1139
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## 14.2. UN proper shipping name

Proper shipping name English ADR / RID / ADN	COATING SOLUTION
ADR / RID / ADN	COATING SOLUTION
Technical name / danger releasing substance ADR / RID / ADN	Petroleum products
IMDG	COATING SOLUTION
Technical name / danger releasing substance IMDG	Petroleum products
ICAO / IATA	COATING SOLUTION
Technical name / danger releasing substance ICAO	Petroleum products

## 14.3. Transport hazard class(es)

ADR / RID / ADN	3
Classification code ADR / RID / ADN	F1
IMDG	3
ICAO / IATA	3

## 14.4. Packing group

ADR / RID / ADN	III
IMDG	III
ICAO / IATA	III

## 14.5. Environmental hazards

ADR / RID / ADN	No
IMDG	No

## 14.6. Special precautions for user

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Product name	COATING SOLUTION
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## Additional information

ADR / RID / ADN hazard label	3
IMDG Hazard label	3
ICAO / IATA Hazard label	3
Additional 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
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### ADR / RID - Other information

Tunnel restriction code	D/E
Transport category	3
Hazard No.	30
RID other applicable information	30

### IMDG / ICAO / IATA Other information

EmS	F-E, <u>S-E</u>
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## 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	Regulation (EC) nr. 2015/830 Regulation (EC) nr. 1272/2008.

### 15.2. Chemical safety assessment

Chemical safety assessment performed	No
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## 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.
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. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 3; H226; ; EUH 066; Skin Sens. 1; H317; STOT SE3; H336;
Version	6
Expired date	26.01.2021