

SAFETY DATA SHEET

Noxudol 900 Spray

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 Spray
 Chemical name Anti Corrosion Solution
 Article no. 32010

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 F+
 R12, R66

2.2. Label elements

Hazard symbol



R phrases R-12 Extremely flammable. R 66 Repeated exposure may cause skin dryness or cracking.
 S phrases S-2 Keep out of the reach of children. S-16 Keep away from sources of ignition - No smoking. S23 Do not breathe vapour. 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%: 30 - 40 %, Oxidized bitumen: 10 - 30 %, Butane: 32 %, Propane: 8 %
EEC-directive	2006/121/2006
VOC	Subcategory of the product: Special finishes Relevant VOC limit values: 840 g/l Maximum content of VOC: 760 g/l

2.3. Other hazards

Description of hazard	Extremely flammable Repeated exposure may cause skin dryness or cracking.
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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	30 - 40 %
Oxidized bitumen	CAS no.: 64742-93-4 EC no.: 265-196-4		10 - 30 %
Butane	CAS no.: 106-97-8 EC no.: 203-448-7 Index no.: 601-004-00-0	F+; R12 Flam gas 1; H220 Press. Gas	32 %
Propane	CAS no.: 74-98-6 EC no.: 200-827-9 Index no.: 601-003-00-5	F+; R12 Flam gas 1; H220 Press. Gas	8 %

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air and rest. Get medical advice if any discomfort continues.
Skin contact	Wash the skin with water and soap.
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. 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.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO2).
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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. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on or near a naked flame or any incandescent material. Keep away from sources of ignition. No smoking. Keep out of reach of children.
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5.3. Advice for firefighters

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 the specified 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. Dispose of in accordance with local regulations.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Wear prescribed personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Keep away from sources of ignition - No smoking. Keep at temperature not exceeding +50°C.

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	8 h.: 50 ppm	2007
	EC no.: 265-150-3	8 h.: 350 mg/m ³	
	Index no.: 649327-00-6	15 min.: 100 ppm	
		15 min.: 500 mg/m ³	

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. Provide good ventilation.

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.
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Skin protection

Skin protection (other than of the hands)	Wear suitable protective clothing
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Aerosol.
Colour	Black.
Odour	Characteristic.
Specific gravity	Value: = 910 kg/m ³
Solubility description	Soluble in organic solvents.

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability**

Stability	Stable with normal handling.
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10.3. Possibility of hazardous reactions**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**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/m ³ Test animal species: rat Duration: 4h

Potential acute effects

Inhalation	May cause: Headache. Dizziness. Fatigue. Indisposition.
Skin contact	May cause irritation. Defats the skin. Prolonged or repeated skin contact may cause dermatitis.
Eye contact	Irritates the eyes.
Ingestion	Indisposition. Vomiting.

SECTION 12: Ecological information**12.1. Toxicity****Components' toxicological data**

Component	Naphtha (petroleum), hydrotreated heavy, bensen < 0,1%
Acute aquatic, fish	Value: > 100 mg/L

	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.
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12.6. Other adverse effects

Other adverse effects / Remarks	Does not cause long term adverse effects in the aquatic environment.
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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	Yes
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	1950
RID	1950
IMDG	1950
ICAO/IATA	1950

14.2. UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
IMDG	AEROSOLS
ICAO/IATA	AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR	2.1
RID	2.1
IMDG	2.1
ICAO/IATA	2.1

14.4. Packing group**14.5. Environmental hazards****14.6. Special precautions for user**

EmS F-D, S-U

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**Other applicable information.**

Other applicable information. 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 Regulation (EC) nr. 1272/2008.
Comments	Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on or near a naked flame or any incandescent material. Keep away from sources of ignition. No smoking. Keep out of reach of children.

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. R12 Extremely 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. H220 Extremely flammable gas. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways.
Responsible for safety data sheet	Auson AB