

SAFETY DATA SHEET

Noxudol 750 Spray

1. Identification of the substance/preparation and of the company/undertaking

Date issued	05.05.2011
Product name	Noxudol 750 Spray
Chemical name	Anti corrosion oil
Article no.	30401
Use of the substance/preparation	Corrosion inhibitor

Manufacturer

Company name	Auson AB
Postal address	Verkstadsgratan 3
Postcode	S-434 42
City	KUNGSBACKA
Country	SVERIGE
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Website	http://www.auson.se/
Contact person	Nina Nyth
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2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC	F+; R12,R66
Description of hazard	Extremely flammable. Repeated exposure may cause skin dryness or cracking.

3. Composition/information on ingredients

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 Asp. tox 1; EUH 066, H304 Flam. Liq. 3; H226	> 30 %
Mineral oil, corrosion inhibitors, petroleumwax, Woolfat	CAS no.: -		> 20 %
Butane	CAS no.: 106-97-8 EC no.: 203-448-7	F+; R12	> 30 %
Propane	CAS no.: 74-98-6 EC no.: 200-827-9 Index no.: 601-003-00-5	F+; R12	~ 8 %
Column headings	CAS no. = Chemical Abstracts Service; EU (Einecs or Elincs number) = European inventory of Existing Commercial Chemical Substances; Ingredient name = Name as specified in the substance list (substances that are not included in the substance list must be translated, if possible). Contents given in; %, %wt/wt, %vol/wt, %vol/vol, mg/m3, ppb, ppm, weight%, vol%		
HH/HF/HE	T+ = Very toxic, T = Toxic, C = Corrosive, Xn = Harmful, Xi = Irritating, E = Explosive, O = Oxidizing, F+ = Extremely flammable, F = Very flammable, N = Environmental hazard		

4. First-aid measures

Inhalation	Fresh air and rest. Get medical advice if any discomfort continues.
Skin contact	Wash the skin with water and soap. Remove contaminated clothing.
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! In an emergency, contact the national Poisons Information Centre.

5. Fire fighting measures

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO ₂).
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.
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.

6. Accidental release measures

Personal precautions	Keep unauthorized personnel away. Use the specified protective equipment.
Environmental precautions	Do not allow spill to enter sewers or watercourses. Inform appropriate authorities if large amounts are involved.
Methods for cleaning	Collect with absorbent, non-combustible material into suitable containers. Destroy according to applicable regulations.

7. Handling and storage

Handling	Wear prescribed personal protective equipment. Provide adequate ventilation.
Storage	Keep container tightly closed. Förvaras åtskilt från antändningskällor - Rökning förbjuden. Keep at temperature not exceeding +50°C. Store in original container.
Special risks and properties	Heating forms toxic gases.

8. Exposure controls/personal protection

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	

Exposure controls

Occupational exposure controls	Eyewash facilities should be available at the workplace. Provide good ventilation. Keep containers closed, as much as possible. No smoking, fire, sparks or welding.
Respiratory protection	Respirator with A filter (brown).
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 protection	Wear approved, tight fitting safety glasses where splashing is probable.
Skin protection (other than of the hands)	Protective clothing must be worn if there is a possibility of direct contact or splashes.

9. Physical and chemical properties

Physical state	Aerosol.
Odour	Characteristic.
Colour	Light brown
Solubility description	Soluble in organic solvents.
Solubility in water	Insoluble in water
Specific gravity	Value: = 840 kg/m ³ Method of testing: ± 20kg
Boiling point / boiling range	Value: 150 °C
Flash point	Value: < 0 °C
Spontaneous combustability	Value: > 200 °C

10. Stability and reactivity

Stability	Stable with normal handling.
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11. Toxicological information

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

Other information regarding health hazards

Inhalation	May cause: Headache. Dizziness. Fatigue. Indisposition. High concentrations may cause: Unconsciousness. Damage to nerves.
Skin contact	May cause irritation. Defats the skin. Prolonged or repeated skin contact may cause dermatitis.
Eye contact	May irritate the eyes.
Ingestion	Ingestion may cause nausea and vomiting. May cause: Pneumonia.

12. Ecological information

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).

Other ecological information

Other adverse effects / Remarks	Does not cause long term adverse effects in the aquatic environment.
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13. Disposal considerations

EWC waste code	EWC: 13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	Yes
Specify the appropriate methods of disposal	Residues must be treated as hazardous waste. Dispose of in compliance with local regulations.

14. Transport information

Proper Shipping Name	Noxudol 750 spray
Product name (national)	AEROSOLS
Dangerous goods ADR	Status: Yes UN no.: 1950 Class: 2.1 Proper shipping name: AEROSOLS
Dangerous goods RID	UN no.: 1950 Class: 2.1 Proper shipping name: AEROSOLS
Dangerous goods IMDG	Status: Yes UN no.: 1950 Class: 2.1 EmS: F-D, S-U Proper shipping name: AEROSOLS
Dangerous goods ICAO/IATA	UN no.: 1950 Class: 2.1 Proper shipping name: AEROSOLS, FLAMMABLE
Other applicable information.	Limited quantity

15. Regulatory information

Hazard symbol



Composition on the label	Naphtha (petroleum), hydrotreated heavy, bensen < 0,1%: > 30 %, Mineral oil, corrosion inhibitors, petroleumwax, Woolfat: > 20 %, Butane: > 30 %, Propane: ~ 8 %
EC lable	Yes
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. 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.
VOC	Subcategory of the product: Special finishes Relevant VOC limit values: 840 g/l Maximum content of VOC: 462 g/l
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 (EG) nr. 1907/2006
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.

16. Other information

Expired date	05.05.2013
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.
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.
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.
Responsible for safety data sheet	Auson AB