SAFETY DATA SHEET

Noxudol 900 Spray

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	13.10.2017
Revision date	27.07.2020

1.1. Product identifier

Product name	Noxudol 900 Spray
UFI	QKW1-K0X7-T00F-PN56
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	SU21 Consumer uses: Private households (= general public = consumers) 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
Telephone number	+46 300-562000
Fax	+46 300-562021
Email	nina.nyth@auson.se
Website	http://www.auson.se/
Contact person	Nina Nyth

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS Alarm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222 H229 STOT SE 3; H336 EUH 066
Additional information on classification	See section 16 for explanation of hazard statements (H) listed above.

2.2. Label elements

Hazard pictograms (CLP)

Composition on the label	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% 30 – 40 %, Oxidized bitumen 10 – 30 %, Butane ~ 32 %, Propane ~ 8 %
Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. 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. P211 Do not spray on an open flame or other ignition source. P251 Pressurized container: Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C / 122°F. P501 Dispose of contents/container 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: 760 g/l

2.3. Other hazards

Hazard description, general	Extremely flammable.
Other hazards	None

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Naphtha (petroleum) , hydrotreated heavy, benzene < 0,1%	CAS No.: 64742-48-9 EC No.: 919-857-5 Index No.: 649-327-00-6 REACH Reg. No.: 01-2119463258-33-xxxx	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336 EUH 066	30 – 40 %	1
Oxidized bitumen	CAS No.: 64742-93-4 EC No.: 265-196-4 REACH Reg. No.: 01-2119498270-36-0027		10 – 30 %	
Butane	CAS No.: 106-97-8 EC No.: 203-448-7 Index No.: 601-004-00-0 REACH Reg. No.: 01-2119474691-32-xxxx	Flam. Gas 1; H220 Press. Gas (Comp.)	~ 32 %	
Propane	CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5 REACH Reg. No.: 01-2119486944-21-xxxx	Flam. Gas 1; H220 Press. Gas (Comp.)	~ 8 %	

[1]Substance classified with a health or environmental hazard

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

General	Never give anything orally to somebody who is unconscious. If symptoms persist, call a physician.
Inhalation	Fresh air and rest.
Skin contact	Remove contaminated clothing. Wash the skin with water and soap.
Eye contact	Flush immediately with water for at least 5 minutes. Keep eye wide open while flushing.
Ingestion	DO NOT INDUCE VOMITING! Get medical advice if large quantities have been consumed.

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

General symptoms and effects	The most important known symptoms and effects are described in the labelling (see section 2.2).

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	Extremely flammable. Even at temperatures below room temperature vapours may form explosive mixture with air. Development of dense black smoke in the event of fire, containing carbon oxides and hydrocarbons. Observe the risk of fire even when containers are emptied.

5.3. Advice for firefighters

Other information	Containers near fire must be moved and/or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Refer to protective measures listed in section 8.

6.2. Environmental precautions

Environmental precautionary measures	Do not allow spill to enter sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Clean up	Collect with absorbent, non-combustible material into suitable containers. Clean with water.

6.4. Reference to other sections

Additional information	See Section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide adequate ventilation. Avoid contact with skin and eyes. Do not expose to temperatures exceeding +50°C.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store as flammable material. Store in sealed, original containers in well-ventilated place.

7.3. Specific end use(s)

Specific use(s)	See Section 1.2

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Naphtha (petroleum) , hydrotreated heavy, benzene < 0,1%	CAS No.: 64742-48-9	Limit value (8 h) : 50 ppm Limit value (8 h) : 300 mg/m³ **Limit value (short term)** Value: 100 ppm **Limit value (short term)** Value: 600 mg/m³	TWA Year: 2011
Butane	CAS No.: 106-97-8	Limit value (8 h) : 1450 mg/m3 Limit value (8 h) : 600 ppm **Limit value (short term)** Value: 1810 mg/m3 **Limit value (short term)** Value: 750 ppm	
Propane	CAS No.: 74-98-6	Limit value (8 h) : 900 mg/m³ Limit value (8 h) : 500 ppm	

Control parameters comments	List source(s): EU – Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

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. Provide good ventilation. Prevent spark formation as a result of static electricity.

Eye / face protection

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

Hand protection

Skin- / hand protection, short term contact	Protective gloves must be used if there is a risk of direct contact or splashes.

Suitable materials	Nitrile rubber.
Breakthrough time	Value: > 8 hour(s) 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 as needed.

Respiratory protection

Respiratory protection necessary at	If air contamination exceeds exposure limit values and work routines cannot be changed or other exposure-reducing measures taken, a half mask with cartridge (brown, organic substances) should be used to prevent overexposure through inhalation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol.
Colour	Black.
Odour	Characteristic.
Odour limit	Comments: Not applicable.
Melting point / melting range	Comments: Not applicable.
Flash point	Value: < 0 °C
Density	Value: ~ 910 kg/m³ Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.
Partition coefficient: n-octanol/ water	Comments: No data available

9.2. Other information

Other physical and chemical properties

Comments	No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Do not expose to temperatures exceeding 50 °C/122 °F.

10.2. Chemical stability

Stability	Stable with normal handling.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Pressurized container: Do not pierce or burn, even after use.

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

Hazardous decomposition products	No formation of hazardous decomposition products are expected under normal conditions. Liberates carbon oxides and hydrocarbons by combustion.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute toxicity	**Effect tested:** LD50 **Route of exposure:** Oral **Value:** > 2000 mg/kg **Animal test species:** Rat **Effect tested:** LD50 **Route of exposure:** Dermal **Value:** > 2000 mg/kg **Animal test species:** Rabbit **Effect tested:** LC50 **Route of exposure:** Inhalation. **Duration:** 4h **Value:** > 5000 mg/m³ **Animal test species:** Rat

Other information regarding health hazards

Acute toxicity, human experience	Not classified.
Skin corrosion / irritation, human experience	Repeated exposure may cause skin dryness or cracking.
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. The symptoms below are applicable to the properties of the solvents.
Inhalation	Dizziness. Fatigue. Headache. Indisposition. Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.
Skin contact	Defats the skin; may cause cracking and dermatitis.

Eye contact	May irritate the eyes.
Ingestion	Nausea and vomiting.
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 - single exposure, human experience	May cause drowsiness or dizziness.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Aquatic toxicity, fish	**Value:** > 100 mg/L **Test duration:** 96h **Method:** LC50
Substance	Propane
Aquatic toxicity, fish	**Value:** 16,9 g/l **Test duration:** 96 hours **Method:** LC50
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Aquatic toxicity, algae	**Value:** > 100 mg/L **Test duration:** 72h **Method:** EC50
Substance	Propane
Aquatic toxicity, algae	**Value:** 11,3 mg/l **Test duration:** 72 hours **Method:** IC50
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Aquatic toxicity, crustacean	**Value:** > 100 mg/L **Test duration:** 48h **Method:** EC50
Substance	Propane
Aquatic toxicity, crustacean	**Value:** 16,3 g/l **Test duration:** 48 hours **Species:** Daphnia magna **Method:** EC50
Ecotoxicity	Ecotoxicity data are not known for this product.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Not readily degradable.

12.3. Bioaccumulative potential

Bioaccumulation, comments	Has the potential to bioaccumulate.

12.4. Mobility in soil

Mobility	No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substance.

12.6. Other adverse effects

Additional ecological information	Quantitative data on the ecological effects of this product are not available. Do not allow to enter waters, waste water or soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Destroy according to applicable regulations. Do not allow discharges to sewer, watercourses or ground.
Appropriate methods of disposal for the contaminated packaging	Do not puncture aerosol containers. May be disposed of according to local regulations.
EWC waste code	EWC waste code: 130205 mineral-based non-chlorinated engine, gear and lubricating oils Classified as hazardous waste: Yes
EWL packing	Classified as hazardous waste: Yes
Other information	EWC code is only a suggestion, final consumer selects a suitable EWC code.

SECTION 14: Transport information

Dangerous goods	Yes

14.1. UN number

ADR/RID/ADN	1950
IMDG	1950
ICAO/IATA	1950

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	AEROSOLS
ADR/RID/ADN	AEROSOLS
IMDG	AEROSOLS
ICAO/IATA	AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR/RID/ADN	2.1
Classificaton code ADR/RID/ADN	5F
IMDG	2.1
ICAO/IATA	2.1

14.4. Packing group

14.5. Environmental hazards

ADR/RID/ADN	No
IMDG	No

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

Product name	AEROSOLS, FLAMMABLE

Additional information

Hazard label ADR/RID/ADN	2.1
Hazard label IMDG	2.1
Hazard label ICAO/IATA	2.1

ADR/RID Other information

Tunnel restriction code	D
Transport category	2

IMDG Other information

EmS	F-D, S-U

SECTION 15: Regulatory information

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

EEC-directive	2006/121/2006
Biocides	No
Nanomaterial	No
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.
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

Chemical safety assessment performed	No

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.
List of relevant H-phrases (Section 2 and 3)	EUH 066 Repeated exposure may cause skin dryness or cracking. H220 Extremely flammable gas. H222 Extremely flammable aerosol. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness or dizziness.
Version	10
Expired date	27.07.2023