

SAFETY DATA SHEET

Noxudol 300 Black 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	03.09.2017
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1.1. Product identifier

Product name	Noxudol 300 Black Spray
Article no.	37300

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	Verkstadsgratan 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
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SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222
	H229
	Skin Sens. 1; H317

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (DMSO-extract <3%) 30 - 40 %, Fatty acids, tall-oil, polymers with isophthalic acid, pentaerythritol and tall oil 8 - 12 %, Calcium sulfonate 8 - 15 %, Filler, pigment 3 - 5 %, Carbon black < 1 %, Butane ~ 32 %, Propane ~ 8 %
Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H317 May cause an allergic skin reaction.
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. P280 Wear protective gloves/protective clothing. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F. P501 Dispose of contents/container at hazardous or special waste collection point.
EC label	Yes
VOC	Product subcategory : Special finishes Relevant VOC limit values: 840 g/l Maximum content of VOC: 280 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
Baseoil - unspecified, Distillates (petroleum) , solvent-refined heavy paraffinic (DMSO-extract <3%)	CAS No.: 64741-88-4 EC No.: 265-090-8 Index No.: 649-454-00-7		30 - 40 %

Fatty acids, tall-oil, polymers with isophthalic acid, pentaerythritol and tall oil	CAS No.: 68410-37-7 EC No.: -		8 - 12 %
Calcium sulfonate	CAS No.: 61789-86-4 EC No.: 263-093-9	Skin Sens. 1; H317	8 - 15 %
Filler, pigment	CAS No.: 1317-65-3 EC No.: 215-279-6		3 - 5 %
Carbon black	CAS No.: 1333-86-4 EC No.: 215-609-9		< 1 %
Butane	CAS No.: 106-97-8 EC No.: 203-448-7 Index No.: 601-004-00-0	Flam gas 1; H220 Press. Gas	~ 32 %
Propane	CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5	Flam gas 1; H220 Press. Gas	~ 8 %
Remarks, substance	See section 16 for explanation of hazard statements (H) listed above.		
Substance comments	Mineral oil (paraffin base), highly refined (DMSO-extrakt <3%, IP 346)		

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact	Wash the skin with water and soap.
Eye contact	Flush immediately with water for at least 5 minutes. Get medical attention if any discomfort continues.
Ingestion	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

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 ₂).
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	Pressurised container, protect from sunlight and do not expose to temperatures exceeding 50°C.
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5.3. Advice for firefighters

Personal protective equipment	General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.
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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 appropriate protective equipment.

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.
Destroy according to applicable regulations.

6.4. Reference to other sections

Other instructions

See Section 8 and section 13.

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

7.3. Specific end use(s)

Specific use(s)

See Section 1.2

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

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	Eyewash facilities should be available at the workplace. No smoking, fire, sparks or welding. Provide good ventilation.
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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, 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.
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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	Aerosol.
Colour	Black.
Odour	Slight.
Odour limit	Comments: Not determined.
Melting point / melting range	Comments: Not determined.
Flash point	Value: < 0 °C Comments: Butan/Propan mixture
Density	Value: 930 -970 kg/m³ Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.

Partition coefficient: n-octanol/
water

Comments: Not determined.

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

No hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid

Avoid high temperatures and direct sunlight. Pressure chambers can explode in case of fire.

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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Acute toxicity, human experience

No aspiration hazards known.

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

Inhalation

May cause: dizziness, fatigue, headache, indisposition.

Skin contact

Defats the skin; may cause cracking and dermatitis.

Eye contact

May cause irritation.

Ingestion	May cause: 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.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Exhibits low toxicity to water organisms.
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12.2. Persistence and degradability

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

Bioaccumulative potential	Bio-accumulation is unlikely.
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12.4. Mobility in soil

Mobility	No data available.
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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	The product is not toxic or harmful to the environment.
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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: 130205 mineral-based non-chlorinated engine, gear and lubricating oils Classified as hazardous waste: Yes
EWL packing	Classified as hazardous waste: Yes

SECTION 14: Transport information

Dangerous goods	Yes
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14.1. UN number

ADR / RID / ADN	1950
IMDG	1950

ICAO / IATA	1950
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14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

ADR / RID / ADN	2.1
Classification 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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Product name	AEROSOLS, FLAMMABLE
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Additional information

ADR / RID / ADN hazard label	2.1
IMDG Hazard label	2.1
ICAO / IATA Hazard label	2.1
Additional information	Limited quantity

ADR / RID - Other information

Tunnel restriction code	D
Transport category	2

IMDG / ICAO / IATA Other information

EmS	F-D, S-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. 1272/2008. Regulation (EC) nr. 2015/830
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
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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)	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H317 May cause an allergic skin reaction.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222 H229 Skin Sens. 1; H317
Version	10
Expired date	03.09.2020