SAFETY DATA SHEET

Noxudol 700

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	29.01.2018
Revision date	30.06.2020

1.1. Product identifier

Product name	Noxudol 700
UFI	V8N0-S0TE-H00T-Q98N
Article no.	37100

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
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]	Skin Sens. 1; H317
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	Destillate (petroleum), solventdewaxed heavy naphthenic (<3% DMSO) 18 -20 %, Calcium sulfonate 10 -13 %, Baseoil – unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (DMSO-extract <3%) 53 -56 %
Signal word	Warning
Hazard statements	H317 May cause an allergic skin reaction.
Precautionary statements	P102 Keep out of reach of children. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P501 Dispose of contents 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: <28 g/l

2.3. Other hazards

Health effect	May cause an allergic skin reaction.
Other hazards	None

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Destillate (petroleum) , solventdewaxed heavy naphthenic (<3% DMSO)	CAS No.: 64742-65-0 EC No.: 265-169-7 REACH Reg. No.: 01-2119471299-27-XXXX	Asp. Tox. 1; H304	18 -20 %	1

Calcium sulfonate	CAS No.: 61789-86-4 EC No.: 263-093-9 REACH Reg. No.: 01-2119488992-18-xxxx	Skin Sens. 1; H317	10 -13 %	1
2-butanone oxime	CAS No.: 96-29-7 EC No.: 202-496-6 REACH Reg. No.: 01-2119539477-28-0003	Carc. 2; H351 Skin Sens. 1; H317 Eye Dam. 1; H318 Acute tox. 4; H312	< 0,1 %	1
Cobalt bis(2-ethylhexanoate)	CAS No.: 136-52-7 EC No.: 205-250-6 REACH Reg. No.: 01-2119524678-29-XXXX	Skin Sens. 1; H317 Eye Irrit. 2; H319 Repr. 2; H361f Aquatic Acute 1; H400; M-factor =1 Aquatic Chronic 3; H412; M-factor =1	< 0,1 %	1
2-Ethylhexanoic acid, zirconium salt	CAS No.: 22464-99-9 EC No.: 245-018-1 REACH Reg. No.: 01-2119979088-21-XXXX	Repr. 2; H361fd	< 0,1 %	1
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		53 -56 %	
Fatty acids, tall-oil, polymers with isophthalic acid, pentaerythritol and tall oil	CAS No.: 68410-37-7		9 -11 %	
Paraffin waxes and Hydrocarbon waxes	CAS No.: 64742-61-6 EC No.: 265-165-5 REACH Reg. No.: 01-2119489284-28-0021		5 -7 %	

[1]Substance classified with a health or environmental hazard

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). 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.
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	Give water to drink if the affected person 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

General symptoms and effects	No further relevant information available.

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 water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not flammable. Combustible.

5.3. Advice for firefighters

Personal protective equipment	Breathing apparatus should be used in fire fighting.

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. Dispose of in accordance with local 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	Store in original container. Store at +5 – +40°C. Shelf life 24 months if stored and handled as recommended.

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
Destillate (petroleum) , solventdewaxed heavy naphthenic (<3% DMSO)	CAS No.: 64742-65-0	Limit value type: NGV Limit value (8 h) : 1 mg/m³ **Limit value (short term)** Value: 3 mg/m³	
Cobalt bis(2-ethylhexanoate)	CAS No.: 136-52-7	Limit value (8 h) : 100 mg/m³ Limit value (8 h) : 15 ppm **Limit value (short term)** Value: 200 mg/m³ **Limit value (short term)** Value: 30 ppm	
Baseoil – unspecified, Distillates (petroleum) , solvent-refined heavy paraffinic (DMSO-extract <3%)	CAS No.: 64741-88-4	Limit value (8 h) : 1 mg/m³ **Limit value (short term)** Value: 3 mg/m³	TWA Year: 1990

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	Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product.

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: > 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	Wear protective clothing as needed.

Respiratory protection

Respiratory protection necessary at	Use respiratory protection when handling the product in confined areas.
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	Waxy substance.
Colour	Light brown
Odour	Slight.
Odour limit	Comments: Not determined.
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Value: > 200 °C
Flash point	Value: > 100 °C
Vapour pressure	Comments: No data recorded.
Density	Value: 910 -950 kg/m³ Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.
Partition coefficient: n-octanol/ water	Comments: Not determined.
Viscosity	Value: 75 -110 mm2/s Temperature: 40 °C Type: Kinematic

9.2. Other information

Other physical and chemical properties

Comments	No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The chemical is stable at the given use and storing conditions.

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	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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Destillate (petroleum), solventdewaxed heavy naphthenic (<3% DMSO)
Acute toxicity	**Effect tested:** LD50 **Route of exposure:** Oral **Value:** > 5000 mg/kg **Animal test species:** Rat **Effect tested:** LC50 **Route of exposure:** Inhalation. **Duration:** 4 h **Value:** > 5,5 mg/dm³ **Animal test species:** Rat
Substance	Cobalt bis(2-ethylhexanoate)
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Method:** OECD 425 **Value:** 3.129 mg/kg **Animal test species:** Rat **Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Dermal

	Method: OECD 402 **Value:** > 2.000 mg/kg **Animal test species:** Rat
Substance	Baseoil – unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (DMSO-extract <3%)
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Value:** > 2000 mg/kg **Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Dermal **Value:** > 2000 mg/kg

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
Inhalation	Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.
Skin contact	Defats the skin.
Eye contact	Stinging.
Ingestion	May cause: Abdominal pains. 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

Substance	Destillate (petroleum), solventdewaxed heavy naphthenic (<3% DMSO)
Aquatic toxicity, fish	**Toxicity type:** Acute **Value:** > 100 mg/l **Effect dose concentration:** LC50 **Test duration:** 96 hour(s) **Species:** Oncorhynchus mykiss **Method:** LL50 **Test reference:** ECHA
Substance	Cobalt bis(2-ethylhexanoate)
Aquatic toxicity, fish	**Toxicity type:** Chronic

	Value: 41,6 mg/l **Effect dose concentration:** LC50 **Exposure time:** 28 day(s) **Species:** Cyprinodon variegatus
Substance	Destillate (petroleum), solventdewaxed heavy naphthenic (<3% DMSO)
Aquatic toxicity, algae	**Toxicity type:** Acute **Value:** > 100 mg/l **Effect dose concentration:** NOEC **Test duration:** 3 day(s) **Species:** Pseudokirchneriella subcapitata **Method:** NOEL **Test reference:** ECHA
Substance	Cobalt bis(2-ethylhexanoate)
Aquatic toxicity, algae	**Toxicity type:** Chronic **Value:** 0,0197 mg/l **Effect dose concentration:** EC10 **Exposure time:** 7 day(s) **Species:** Ceriodaphnia dubia
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	Does not cause long term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Destroy according to applicable regulations. Do not allow outlets to sewer or watercourse.
Appropriate methods of disposal for the contaminated packaging	Containers with liquid residues are hazardous waste. Empty containers should be transported to local recycling facility or waste treatment facility.

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: No
Other information	EWC code is only a suggestion, final consumer selects a suitable EWC code.

SECTION 14: Transport information

Dangerous goods	No

14.1. UN number

Comments	Not classified as hazardous for transport.

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

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.

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)	H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction.

	H318 Causes serious eye damage. H319 Causes serious eye irritation. H351 Suspected of causing cancer H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H361f Suspected of damaging fertility. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Version	14
Expired date	30.06.2023