SAFETY DATA SHEET

Noxudol 720

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name
Noxudol 720

Product no.
41700

Unique formula identifier (UFI)
D0J1-TQ35-TX72-Q8WN

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture
Corrosion inhibitor

Use descriptors (UK REACH)

Sectors of use	Description
LCS "IS"	Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category	Description
PC 14	Metal surface treatment products, including galvanic and electroplating products

Uses advised against
None known.

1.3. Details of the supplier of the safety data sheet

▼Company and address

Auson AB
Verkstadsgatan 3
S-434 42 KUNGSBACKA
Sweden
+46 (0)300 56 20 00

Contact person
Nina Nyth

E-mail
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Revision
03/05/2025

SDS Version
17.0

Date of previous version
19/01/2025 (16.0)

1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 112 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
See section 4 “First aid measures”.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.
Skin Sens. 1; H317, May cause an allergic skin reaction.
Eye Irrit. 2; H319, Causes serious eye irritation.

2.2. Label elements

Hazard pictogram(s)

Signal word

Warning

Hazard statement(s)

Causes skin irritation. (H315)
May cause an allergic skin reaction. (H317)
Causes serious eye irritation. (H319)

Precautionary statement(s)

General

Keep out of reach of children. (P102)

Prevention

Wash hands thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF ON SKIN: Wash with plenty of water and soap. (P302+P352)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
If skin irritation occurs: Get medical advice/attention. (P332+P313)
If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

-

Disposal

-

▼Hazardous substances

Calcium sulfonate

Additional labelling

UFI: D0J1-TQ35-TX72-Q8WN

VOC

VOC content: 20 g/L
MAXIMUM VOC CONTENT (Phase II, category B/e: 840 g/L)

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Water	CAS No.: 7732-18-5 EC No.: 231-791-2 UK-REACH: Index No.:	60 - 70 %		
Hydrocarbon waxes (petroleum), oxidized	CAS No.: 64743-00-6 EC No.: 265-205-1 UK-REACH: Index No.:	10 -15 %	Eye Irrit. 2, H319	[19]
Calcium sulfonate	CAS No.: 61789-86-4 EC No.: 263-093-9 UK-REACH: Index No.:	5-10%	Skin Sens. 1B, H317	[19]
Alkyd oil	CAS No.: 68333-62-0	5-10%		

	EC No.: 614-420-2 UK-REACH: Index No.:		
2-dietylaminoetanol	CAS No.: 100-37-8 EC No.: 202-845-2 UK-REACH: Index No.: 603-048-00-6	<2 %	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1B, H314 Acute Tox. 3, H331

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.
Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. ▼Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid direct contact with spilled substances.
Contaminated areas may be slippery.

6.2. Environmental precautions
Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up
Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections
See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼Conditions for safe storage, including any incompatibilities
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material
Always store in containers of the same material as the original container.

▼Storage conditions
5 - 30°C
Keep form freezing.

Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)
This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No substances are listed in the national list of substances with an occupational exposure limit.

DNEL
2-dietylaminoetanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	2.5 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	10.7 mg/m³
Long term – Systemic effects - Workers	Inhalation	18.3 mg/m³

Calcium sulfonate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	513 µg/cm²
Long term – Local effects - Workers	Dermal	1.03 mg/cm²
Long term – Systemic effects - General population	Dermal	1.667 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3.33 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	2.9 mg/m³
Long term – Systemic effects - Workers	Inhalation	11.75 mg/m³
Long term – Systemic effects - General population	Oral	833.3 µg/kg bw/day

Hydrocarbon waxes (petroleum), oxidized

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	800 µg/kg bw/day
Long term – Systemic effects - Workers	Dermal	1.7 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	60 µg/m³
Long term – Systemic effects - Workers	Inhalation	230 µg/m³
Long term – Systemic effects - General population	Oral	800 µg/kg bw/day

PNEC

2-dietylaminoetanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		62.3 µg/L
Freshwater sediment		673 µg/kg
Intermittent release (freshwater)		340 µg/L
Marine water		6.23 µg/L
Marine water sediment		67.3 µg/kg
Sewage treatment plant		10 mg/L
Soil		97.7 µg/kg

Calcium sulfonate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1 mg/L
Freshwater sediment		226000000 mg/kg
Intermittent release (freshwater)		10 mg/L
Marine water		1 mg/L
Marine water sediment		226000000 mg/kg
Predators		16.667 mg/kg
Sewage treatment plant		1 g/L
Soil		271000 g/kg

Hydrocarbon waxes (petroleum), oxidized

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		100 µg/L
Freshwater sediment		4270 mg/kg
Intermittent release (freshwater)		1 mg/L
Marine water		10 µg/L
Marine water sediment		427 mg/kg
Predators		66.7 mg/kg
Sewage treatment plant		100 mg/L
Soil		854 mg/kg

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No special when used as intended.			

Skin protection

Recommended	Type/Category	Standards	
Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.	-	-	

▼Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,38	> 480	EN374-2, EN16523-1, EN388	

Eye protection

Type	Standards	
Safety glasses	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Beige, sand

Odour / Odour threshold

Amine

pH

9-10

Density (g/cm^3)

0,98 -1,0 (20 °C)

Kinematic viscosity

30 -35 mm^2/s (40 °C)

Particle characteristics

Not applicable - product is a liquid

Phase changes

Melting point/Freezing point (°C)

0

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

100

Vapour pressure

2.34 kPa (20 °C)

Relative vapour density

0.017

Decomposition temperature (°C)

Not applicable - based on structure

Data on fire and explosion hazards

Flash point (°C)

Not applicable

▼Flammability (°C)
The material is not combustible.
Auto-ignition temperature (°C)
Not applicable
Lower and upper explosion limit (% v/v)
Not an explosive
Solubility
Solubility in water
Very soluble
n-octanol/water coefficient (LogKow)
< 1
▼Solubility in fat (g/L)
No data available.
9.2. Other information
VOC (g/l)
20
Oxidizing properties
Non-oxidizing
Other physical and chemical parameters
No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.
10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.
10.3. Possibility of hazardous reactions
None known.
10.4. Conditions to avoid
None known.
10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. ▼Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law
▼Acute toxicity

Product/substance	Hydrocarbon waxes (petroleum), oxidized
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5000 mg/kg

Product/substance	2-dietylaminoetanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	4,5 mg/l

Product/substance	2-dietylaminoetanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	~ 1100 mg/kg

Product/substance	2-dietylaminoetanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1320 mg/kg

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

The chemical structure does not suggest a mutagenic effect.

Carcinogenicity

Does not present any cancer hazards.

Reproductive toxicity

The chemical structure does not suggest such an effect.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Not classified.

11.2. Information on other hazards

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

▼Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. ▼Toxicity

Product/substance	2-dietylaminoetanol
Species:	Fish, Leuciscus idus
Duration:	No data available.
Test:	LC50
Result:	147 mg/l

Product/substance	2-dietylaminoetanol
Species:	Algae, Scenedesmus subspicatus
Duration:	No data available.
Test:	EC50
Result:	62.3 mg/l

Product/substance	2-dietylaminoetanol
Species:	Crustacean, Daphnia magna
Duration:	No data available.
Test:	EC50
Result:	165 mg/l

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Based on available data, the classification criteria are not met.

12.3. Bioaccumulative potential

Based on available data, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects
None known.

SECTION 13: Disposal considerations

Waste treatment methods
Product is covered by the regulations on hazardous waste. (*)
Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code
13 02 05* Mineral-based non-chlorinated engine, gear and lubricating oils

Specific labelling

Contaminated packing
Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user
Not applicable.

14.7. Maritime transport in bulk according to IMO instruments
No data available.

SECTION 15: Regulatory information

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

Restrictions for application
People under the age of 18 shall not be exposed to this product.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education
No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances
Not applicable.

UK-REACH, Annex XVII
2-dietylaminoetanol is subject to UK-REACH restrictions (entry 40).

Additional information
Not applicable.

Sources
The Management of Health and Safety at Work Regulations 1999.
The Health and Safety at Work etc. Act 1974 Regulations 2013.
2012 No. 1715 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment
No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H311, Toxic in contact with skin.
H314, Causes severe skin burns and eye damage.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H331, Toxic if inhaled.

The full text of identified uses as mentioned in section 1

LCS "IS" = Industrial uses: Uses of substances as such or in preparations at industrial sites
PC 14 = Metal surface treatment products, including galvanic and electroplating products

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

Nina Nyth

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety

data sheet cannot be used as a product specification.
Country-language: GB-en