

SAFETY DATA SHEET

Noxudol 1110 Seawolf Blue

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

Date issued	12.04.2011
Product name	Noxudol 1110 Seawolf Blue
Chemical name	Anti rust compound
Article no.	39610
Use of the substance/preparation	Corrosion inhibitor

Producer

Company name	Auson AB
Postal address	Verkstadsgratan 3
Postcode	S-434 42
City	KUNGSBACKA
Country	SVERIGE
Tel	+46 300-562000
Fax	+46 300-562021
E-mail	nina.nyth@auson.se
Website	http://www.auson.se/
Contact person	Nina Nyth
Emergency telephone	..112

2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC	N; R51/53
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Aquatic Chronic 2; H411
Description of hazard	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Component name	Identification	Classification	Contents
Zinc orthophosphate	CAS no.: 7779-90-0 EC no.: 231-944-3	N; R50/53 Aquatic Chronic 1;H410 Aquatic Acute 1;H400	< 25 %
Water	CAS no.: 7732-18-5 EC no.: 231-791-2		20 - 40 %
Filler			25 - 45 %
Ammonium hydroxide	CAS no.: 1336-21-6 EC no.: 215-647-6	C; R34	< 0,1 %
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.
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 or milk, preferably with activated charcoal. DO NOT INDUCE VOMITING! Immediately consult a doctor.

5. Fire fighting measures

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO ₂). Water.
Other Information	Not flammable.

6. Accidental release measures

Personal precautions	Use the specified protective equipment.
Environmental precautions	Do not allow spill to enter sewers or watercourses.
Other instructions	Absorb in a special absorbent and transport to approved waste management facility. Clean with water. Dispose of in accordance with local regulations.

7. Handling and storage

Handling	Wear prescribed personal protective equipment.
Storage	Store between +2°C and +30°C. Do not bear frost.

8. Exposure controls/personal protection

Exposure limit values

Component name	Identification	Value	Year
Zinc orthophosphate	CAS no.: 7779-90-0 EC no.: 231-944-3	8 h.: 10 mg/m ³	

Exposure controls

Respiratory protection	No respirator is normally needed.
Hand protection	Use suitable protective gloves if skin contact is possible.
Eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
Skin protection (other than of the hands)	Protective clothing as needed.

9. Physical and chemical properties

Physical state	Viscous substance.
Odour	Ammonia. Slight.
Colour	Blue-black
Solubility description	Insoluble in ordinary solvents.
Solubility in water	Soluble in water
Specific gravity	Value: 1220 kg/m ³ Method of testing: ±20 kg
Comments, Flash point	Not applicable

10. Stability and reactivity

Stability	Stable with normal handling.
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11. Toxicological information

Components' toxicological data

Component	Zinc orthophosphate
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LD50 oral	Value: > 5000 mg/kg Test animal species: Rat
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Other information regarding health hazards

Inhalation	High concentrations may cause: Indisposition.
Skin contact	Prolonged or repeated contact may cause irritation.
Eye contact	May cause unpleasantness.
Ingestion	High concentrations may cause: Indisposition.

12. Ecological information

Components' toxicological data

Component	Zinc ortophosphate
Acute aquatic, fish	Value: > 0,14 mg Zn ² /l Method of testing: LC50 Species: Oncorhynchus mykiss Duration: 96h
Acute aquatic, algae	Value: > 0,04 mg Zn ² /l Method of testing: EC50 Species: Selenastrum capricornutum Duration: 48h
Acute aquatic, Daphnia	Value: > 0,136 mg Zn ² /l Method of testing: EC50 Species: Daphnia magna Duration: 72h
Mobility, description	Do not mix material with waste water.

Other ecological information

Other adverse effects / Remarks	Toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment.
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13. Disposal considerations

EWC waste code	EWC: 08 04 15 aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	No
Specify the appropriate methods of disposal	Dispose of in compliance with local regulations.

14. Transport information

Proper Shipping Name	Noxudol 1110 Seawolf blue
Product name (national)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Dangerous goods ADR	UN no.: 3082 Class: 9 Hazard no.: 90 Packing group: III Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Dangerous goods RID	UN no.: 3082 Class: 9 Packing group: III Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Dangerous goods IMDG	Status: Yes UN no.: 3082

	Class: 9 Packing group: III EmS: F-A, S-F Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Dangerous goods ICAO/IATA	Status: Yes UN no.: 3082 Class: 9 Packing group: III Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Other applicable information.	Limited quantity

15. Regulatory information

Composition on the label	Zinc ortophosphate: < 25 %, Water: 20 - 40 %, Filler: 25 - 45 %, Ammonium hydroxide: < 0,1 %
EC lable	Yes
R phrases	R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S phrases	S29 Do not empty into drains. S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Hazard Pictograms (CLP)



Hazard statements	H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P273 Avoid release to the environment. P391 Collect spillage. P501 Dispose of contents at hazardous or special waste collection point.
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 Regulation (EC) nr. 1272/2008.

16. Other information

Expired date	12.04.2014
List of relevant H-phrases (Section 2 and 3).	H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
List of relevant R phrases (under headings 2 and 3).	R34 Causes burns. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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