

# SAFETY DATA SHEET

## Noxudol 1100

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

Date issued 12.04.2012

#### 1.1. Product identifier

Product name Noxudol 1100  
Chemical name Antirust compound  
Article no. 39510

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

Use of the substance/preparation Corrosion inhibitor Wear protection  
Relevant identified uses SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
PC6 Automotive Care Products\*\*\*  
PC9 Coatings and Paints, Fillers, Putties, Thinners  
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  
Tel +46 300-562000  
Fax +46 300-562021  
E-mail nina.nyth@auson.se  
Website <http://www.auson.se/>  
Contact person Nina Nyth

#### 1.4. Emergency telephone number

Emergency telephone :112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

#### 2.2. Label elements

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.  
EC label Yes

#### Hazard Pictograms (CLP)



Composition on the label	Zinc ortophosphate: 5 - 10 %, Filler: 25 - 45 %, Water: 20 - 40 %, Ammonium hydroxide: < 0,1 %
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

### 2.3. Other hazards

Description of hazard	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Component name	Identification	Classification	Contents
Zinc ortophosphate	CAS no.: 7779-90-0 EC no.: 231-944-3	N; R50/53 Aquatic Chronic 1;H410 Aquatic Acute 1;H400	5 - 10 %
Filler			25 - 45 %
Water	CAS no.: 7732-18-5 EC no.: 231-791-2		20 - 40 %
Ammonium hydroxide	CAS no.: 1336-21-6 EC no.: 215-647-6	C; R34	< 0,1 %

## 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 milk or cream and active carbon. DO NOT INDUCE VOMITING! In an emergency, contact the national Poisons Information Centre.

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

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

Information on clinical testing	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 <sub>2</sub> ). Water.
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### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not flammable.
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### 5.3. Advice for firefighters

Other Information	Not flammable. Combustible material.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Use appropriate protective equipment.
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### 6.2. Environmental precautions

Environmental precautions	Do not allow spill to enter sewers or watercourses.
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### 6.3. Methods and material for containment and cleaning up

### 6.4. Reference to other sections

Other instructions	Absorb in a special absorbent and transport to approved waste management facility. Clean with water.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Wear prescribed personal protective equipment.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Store between +2°C and +30°C. Do not bear frost.
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### 7.3. Specific end use(s)

Specific use(s)	See Section 1.2
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL / PNEC

Summary of risk management measures, environment	No information available.
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### 8.2. Exposure controls

#### Safety signs



#### Respiratory protection

Respiratory protection	Not necessary with normal handling.
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#### Hand protection

Hand protection	Protective gloves must be used if there is a risk of direct contact or splashes. Use suitable protective gloves made of nitrile rubber.
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#### Eye / face protection

Eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
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#### Skin protection

Skin protection (other than of the hands)	Protective clothing as needed.
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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Viscous substance.
Colour	Black.
Odour	Ammonia. Slight.
Flash point	Value: > 100 °C
Specific gravity	Value: 1250-1310 kg/m <sup>3</sup>
Solubility description	Soluble in water. Insoluble in ordinary solvents.
Solubility in water	Soluble in water

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

Stability Stable with normal handling.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Conditions to avoid No information available.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Components' toxicological data

Component	Zinc ortophosphate
LD50 oral	Value: > 5000 mg/kg Test animal species: Rat

#### Potential acute effects

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

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity Toxic to aquatic organisms. May cause longterm adverse effects in the aquatic environment.

#### Components' toxicological data

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

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

PBT assessment results No information available.

### 12.6. Other adverse effects

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

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of Destroy according to applicable regulations.

disposal	
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	No
EWC waste code	EWC: 08 04 15 aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances

## SECTION 14: Transport information

### 14.1. UN number

ADR	3082
RID	3082
IMDG	3082
ICAO/IATA	3082

### 14.2. UN proper shipping name

ADR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
RID	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ICAO/IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

ADR	9
Hazard no.	90
RID	9
IMDG	9
ICAO/IATA	9

### 14.4. Packing group

ADR	III
RID	III
IMDG	III
ICAO/IATA	III

### 14.5. Environmental hazards

### 14.6. Special precautions for user

EmS	F-A, S-F
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### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Other applicable information.

Other applicable information.	Limited quantity
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## SECTION 15: Regulatory information

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

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.

### 15.2. Chemical safety assessment

## 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.
Expired date	12.04.2015

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Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Aquatic Chronic 2; H411;
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.
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. H411 Toxic to aquatic life with long lasting effects.
Responsible for safety data sheet	Auson AB