



# SAFETY DATA SHEET

Noxyde

## 1. Identification of the preparation and of the company

- Product name and/or code** : Noxyde  
**Product use** : Paint.  
**Manufacturer** : Rust-Oleum Netherlands BV, PO. Box 138, NL-4700 AC Roosendaal, The Netherlands  
 NV Martin Mathys, Kolenberg 23, B-3545 Zelem, Belgium  
**Emergency phone:** : Rust-Oleum: (+31)165-593636; Fax (+31)165-593600  
 Martin Mathys: (+32)13-460200; Fax (+32)13-460201

## 2. Composition/information on ingredients

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name*	CAS no.	%	EC nr.	Classification
<b>United Kingdom (UK)</b>				
Zinc phosphate, modified	-	5 - 10		N; R51/53
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	0 - 1	265-185-4	R10 Xn; R65 R66 N; R51/53
Fatty acids, C6 - C19 branched, mixture, zinc salts	68551-44-0	0 - 1	271-378-4	N; R51/53
<b>See section 16 for the full text of the R-phrases declared above</b>				

Occupational exposure limits, if available, are listed in section 8.

## 3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

- Classification** : R52/53  
**Environmental hazards** : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4. First aid measures

### First aid measures

- General** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

## 5. Fire-fighting measures

- Extinguishing media** : Recommended: alcohol-resistant foam, CO<sub>2</sub>, powders, water spray.  
 Not to be used : water jet.
- Recommendations** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.
- Hazardous combustion products** : Decomposition products may include the following materials:  
 carbon oxides  
 metal oxide/oxides

## 6. Accidental release measures

- Personal precautions** : Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Refer to protective measures listed in sections 7 and 8.
- Spill** : 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 (see section 13). Do not allow to enter drains or watercourses. Preferably clean with a detergent. Avoid using solvents. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

**Note:** see section 8 for personal protective equipment and section 13 for waste disposal.

## 7. Handling and storage

- Handling** : Keep container tightly closed.
- Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation.
- Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
- Put on appropriate personal protective equipment (see section 8).
- Comply with the health and safety at work laws.
- Storage** : Store in accordance with local regulations. Observe label precautions. Do not store below the following temperature: 0°C (32°F). Store in a cool, well-ventilated area away from incompatible materials and ignition sources. Keep away from heat and direct sunlight.
- Keep away from: oxidizing agents, strong alkalis, strong acids.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.  
Do not empty into drains..

## 8. Exposure controls/personal protection

- Engineering measures** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
<b>United Kingdom (UK)</b> Naphtha (petroleum), hydrodesulfurized heavy	<b>EH40-WEL (United Kingdom (UK), 6/2005). Notes: as Turpentine (150 ppm)</b> STEL: 850 mg/m <sup>3</sup> , 0 times per shift, 15 minute(s). <b>EH40-WEL (United Kingdom (UK), 6/2005). Notes: as Turpentine (100 ppm)</b> TWA: 566 mg/m <sup>3</sup> , 0 times per shift, 8 hour(s).

### Exposure controls

- Occupational exposure controls** : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment. When spraying and sanding, suitable respiratory protection must be used. (EN 141) organic vapor filter (Type A)
- Hand protection** : For prolonged or repeated handling, use gloves: >8 hour(s) (breakthrough time) nitrile rubber (EN 374-1)  
Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.
- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Wear safety glasses with side shields to prevent eye contact. (EN 166)
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Wear overalls or long sleeved shirt. (EN 467)

## 8. Exposure controls/personal protection

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Environmental exposure controls

Do not allow to enter drains or watercourses.

## 9. Physical and chemical properties

<b>Physical state</b>	: Liquid.
<b>Odor</b>	: Faint odor.
<b>Color</b>	: Depending on productnumber
<b>Boiling point</b>	: > 100 °C
<b>Vapor pressure</b>	: Highest known value: 2.3 kPa (17.3 mm Hg) (at 20°C) (Water).
<b>Vapor density</b>	: >1 (Air = 1)
<b>Evaporation rate (butyl acetate = 1)</b>	: <1 compared with Butyl acetate.
<b>Volatility %</b>	: 42 to 48% (v/v), 35 to 41% (w/w)
<b>VOC content w/w</b>	: 15 (g/l).
<b>Solubility</b>	: Soluble in the following materials: cold water and hot water. Very slightly soluble in the following materials: methanol and acetone.
<b>Relative density</b>	: 1.2 to 1.3 (Water = 1)
<b>Viscosity</b>	: Dynamic: 6500 to 9000 mPa·s (6500 to 9000 cP)
<b>pH</b>	: 8 to 9 [Basic.]

## 10. Stability and reactivity

Stable under recommended storage and handling conditions (see section 7).

Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

## 11. Toxicological information

There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 15 for details.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Zinc phosphate, modified	LD50 Oral	Rat	>5000 mg/kg	-
Naphtha (petroleum), hydrodesulfurized heavy	LD50 Dermal	Rabbit	>3000 mg/kg	-
	LD50 Oral	Rat	>6500 mg/kg	-
	LC50 Inhalation Vapor	Rat	>14 mg/L	4 hours

## 12. Ecological information

There is no data available on the preparation itself.  
Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See sections 2 and 15 for details.

### Aquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
Zinc phosphate, modified	Intoxication	Acute EC50 10 to 20 mg/L	Algae - Desmodesmus subspicatus	72 hours
	Intoxication	Acute EC50 10 to 50 mg/L	Daphnia - Daphnia Magma	48 hours
	Mortality	Acute LC50 1 to 5 mg/L	Fish - Rainbow trout (oncorhynchus mykiss)	96 hours
Naphtha (petroleum), hydrodesulfurized heavy	-	Acute EC50 4 to 10 mg/L	Daphnia	48 hours
	-	Acute IC50 10 to 100 mg/L	Algae	72 hours
	-	Acute LC50 10 to 100 mg/L	Fish	96 hours

### Ecological information

<u>Product/ingredient name</u>	<u>Aquatic half-life</u>	<u>Photolysis</u>	<u>Biodegradability</u>
--------------------------------	--------------------------	-------------------	-------------------------

## 12. Ecological information

Naphtha (petroleum), hydrodesulfurized heavy - 100%; < 28 day(s) -

### Bioaccumulative potential

#### Product/ingredient name

Naphtha (petroleum), hydrodesulfurized heavy

#### LogP<sub>ow</sub>

>3

#### BCF

-

#### Potential

high

**AOX** : The product contains organically bound halogens and can contribute to the AOX value in waste water.

## 13. Disposal considerations

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

**European waste catalogue (EWC)** : The European Waste Catalogue classification of this product, when disposed of as waste, is: 08 01 15\* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances. If this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information, contact your local waste authority.

**Hazardous waste** : This product is listed as Hazardous by the EU Directive on hazardous waste. Dispose of according to all national and local applicable regulations.

## 14. Transport information

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	--	-	-	-		<b>Remarks</b> Not controlled under ADR (Europe).
IMDG Class	--	-	-	-		<b>Remarks</b> Not controlled under IMDG.
IATA Class	--	-	-	-		<b>Remarks</b> Not controlled under IATA.

PG\* : Packing group

This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).

## 15. Regulatory information

**EU regulations** : The product is classified and labelled for supply in accordance with the Directive 1999/45/EC as follows:

**Risk phrases** : R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases** : S23 - Do not breathe vapor or spray.  
S51- Use only in well-ventilated areas.  
S56- Dispose of this material and its container at hazardous or special waste collection point.

**Europe inventory** : **Europe inventory:** Not determined.

### Other EU regulations

**CN code** : 3209 10 00

### National regulations

**Industrial use** : The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

## 16. Other information

**CEPE Classification** : 2

**Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK)** : R10- Flammable.  
R65- Harmful: may cause lung damage if swallowed.  
R66- Repeated exposure may cause skin dryness or cracking.  
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Date of issue** : 15-3-2007.

Page: 4/5

## 16. Other information

The information in this Safety Data Sheet is required pursuant to EU Directive 91/155/EEC and its amendments.

### Notice to reader

*The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties. ©Copyright by Rust-Oleum Netherlands B.V. / Martin Mathys B.V.*



**Version** 1 v.3.4.

Page: 5/5

**Date of issue** 15-3-2007.

Printed 25-6-2007.