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		Supersedes : 18 / 6 / 2010
LUBRANOL SN		880-585(DE)



Xn : Harmful



Health : 3	WARNING : Corrosive or toxic. Avoid skin contact or inhalation.
Flammability : 0	Not combustible.
Reactivity : 0	Stable : Not reactive when mixed with water.
Special Notice Key : --	---

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

Identification of the product	: Lubricant
Trade name	: LUBRANOL SN
Use	: Industrial. Further information: refer to Technical Data Sheet.
Company identification	: SOPURA Rue de Trazegnies, 199 6180 COURCELLES BELGIUM Tel: +32 71 46 80 10 (8h00- 17h00) E-Mail : sales@sopura.com
Distributor	: SOPURA Rue de Trazegnies, 199 6180 COURCELLES BELGIUM Tel: +32 71 46 80 10 (8h00- 17h00) E-Mail : sales@sopura.com
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Responsible for MSDS redaction	: Rudi Eckle + 49 172 677 50 65 - E-mail: rec@sopura.com
Emergency phone nr	: Sopura Headquarter (08h00-17h00) Tel: +32 71 468010 E-mail: sales@sopura.com. D. Capouillez GSM: +32 477 408176

2. Hazards identification

Hazards identification	: Causes serious eye damage. Causes skin irritation. May cause damage to organs through prolonged or repeated exposure.
Symptoms relating to use	
- Inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin contact	: Repeated or prolonged skin contact may cause irritation progressing to a burn.
- Eye contact	: Redness, pain.
- Ingestion	: Sore throat.

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3. Composition/information on ingredients

This product is considered to be hazardous and contains hazardous components. See the significance of the sentences R in chapter 16.

Composition : The classification was carried out for tested properties according to the substance directive (67/548/EEG), annex VI, otherwise according to the calculation procedure described in the preparation directive (1999/45/EEG).

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Alkyl-carboxylic acid	: < 5 %	57635-48-0	----	----	----	Xi; R38-41 ----- Eye Dam 1 (H318) Skin Irrit. 2 (H315)
non-ionic surfactants (copolymer)	: < 5 %	----	----	----	----	Xn; R22 Xi; R41 ----- Eye Dam 1 (H318) Acute Tox. 4 (H302)

MAC [mg/m³] : Components of this product are listed on: EINECS

Rat oral LD50 [mg/kg] : 1080

LC50-96 Hour - fish [mg/l] : 1 to 10

Alkyl Diamine	: < 5 %	7173-62-8	----	----	01-2119487002-46-0001	T; R48/25 Xn; R22 C; R34 N; R50 ----- Skin Corr. 1A+ (H314) Eye Dam 1 (H318) Acute Tox. 4 (H302) Aquatic Acute 1 (H400)
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Rat oral LD50 [mg/kg] : 200 to 2000

CE50 - Algae (48 h) [mg/L] : < 1

LC50-96 Hour - fish [mg/l] : < 1 Estimated value as a function of tests made on similar products.

Toxicity on algae (ErC50) : < 1 mg/l - 72 hours, acute - IC 50

Biodegradation [%] : > 90

WGK class (Germany) : 3

4. First aid measures

First aid

- Inhalation : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact : Remove contaminated clothing and shoes. Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleanser and water.
- Eye contact : Rinse immediately with water. (Keep a bottle of water at hand).
- Ingestion : Do NOT induce vomiting.
Rinse mouth.
Seek medical attention immediately.

5. Fire-fighting measures

- Flammable class : Not combustible.
- Extinguishing media : All extinguishing media can be used.
- Not to be used : None known.
- Protection against fire : Wear proper protective equipment.
- Special procedures : Exercise caution when fighting any chemical fire.

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6. Accidental release measures

Personal precautions	: Spill should be handled by trained cleaning personnel properly equipped with eye protection.
Environmental precautions	: Prevent entry to sewers and public, underground and potable waters. Hold the soiled water / water of extinction of fire.
Clean up methods	: Clean up any spills as soon as possible, using an absorbent material (earth, sand, ...) to collect the spill. Use suitable disposal containers. Notify authorities if product enters sewers or public waters.

7. Handling and storage

Precautions in handling and storage	: Avoid all unnecessary exposure.
Storage	: Protect from low temperatures. Store on a clean area allowing recuperation of leaks and effusion.



**Storage - away from
Handling**

- : Always close containers tightly after the removal of product.
- : Strong oxidizing agents.



- : Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

8. Exposure controls/personal protection

Personal protection	: All the protection equipments must be PPE, CE agreed.
- Skin protection	: Use neoprene or rubber gloves (EN 374). Taking into account the diversity of the types, it is necessary to respect the instructions of the manufacturers.
- Eye protection	: Chemical goggles or safety glasses (e.g. EN 166)
Industrial hygiene	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Occupational Exposure Limits

Occupational Exposure Limits

9. Physical and chemical properties

• Physical state at 20 °C	: liquid
pH value (concentrated product)	: 6.5 to 7
pH 10 g/l	: ca 7
Freezing point [°C]	: 0 (BS4699)
Density [kg/m3]	: >= 980 <= 1010
Solubility in water [% weight]	: Product soluble in water.
Flash point [°C]	: > 100

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10. Stability and reactivity

Hazardous reactions : Reacts violently with : Oxidizing agent.

11. Toxicological information

Rat oral LD50 [mg/kg] : The evaluation was carried out according to the calculation method of the Preparations Directive. > 2000

On ingredients : See Heading : Information on ingredients.

12. Ecological information

On product : % N: 0.40
% S: < 0.10
% P: < 0.10

On ingredients : See Heading : Information on ingredients.

Biodegradation [%] : Easily biodegradable (concerning to the criteria of the OECD)

COD [mg O2/g] : ca 260

13. Disposal considerations

Disposal : Dispose of this material and its container at hazardous or special waste collection point.
Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

General information

ADR/RID : Not classified as dangerous in the meaning of transport regulations (ADR/RID, IMDG, ICAO/ IATA).

- IMDG-Marine pollution : No.

15. Regulatory information

- Symbol(s)



: Harmful.

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

- R Phrase(s) : R41 : Risk of serious damage to eyes.

EC Classification : Xn; 48/22
Xi; R41

- R Phrase(s) : R48/22 : Harmful : danger of serious damage to health by prolonged exposure if swallowed.

- S Phrase(s) : S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S35 : This material and its container must be disposed of in a safe way.

S39 : Wear eye/face protection.

S51 : Use only in well-ventilated areas.

S59 : Refer to manufacturer/supplier for information on recovery/recycling.

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16. Other information

- Recommended uses and restrictions** : Further information: refer to Technical Data Sheet.
- Sources of key data used** : <http://kan.de> - <http://www.umweltbundesamt.de> - <http://kemi.se> - <http://toxnet.nlm.nih.gov> - <http://www.inrs.fr> - <http://www.iarc.fr> - <http://www.nihs.go.jp> - <http://chemweb.com> - <http://www.cas.org> - <http://www.europ.eu.int> - <http://ecb.jrc.it> - <http://europa.eu> - <http://www.enichem.org> - <http://just.fgov.be> - <http://www.vrom.nl/milieuhanboek> - <http://mobilit.fgov.be>
- List of relevant R phrases (heading 3)** : R22 : Harmful if swallowed.
R34 : Causes burns.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R48/25 : Toxic : danger of serious damage to health by prolonged exposure if swallowed.
R50 : Very toxic to aquatic organisms.
- List of relevant H phrases (heading 3)** : H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H400 - Very toxic to aquatic life.
- Further information** : Revision : see *

The contents and format of this SDS are in accordance with European Regulation 1907/2006/EC.

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