



# MATERIAL SAFETY DATA SHEET

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Revised edition no : 5

Date : 2 / 8 / 2007

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**LINPOL NF****0200199C**

Xi : Irritant

<b>Health : 1</b>	CAUTION : May be irritating.
<b>Flammability : 0</b>	Not combustible.
<b>Reactivity : 0</b>	Stable : Not reactive when mixed with water.
<b>Special Notice Key : --</b>	---

**Produced by**

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**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Trade name** : LINPOL NF  
**Type of product** : Cleaning product.  
**Use** : Cleaning of floors and tiles. Dilution: 1 to 1.5 %.  
See product bulletin for detailed information. Industrial.  
**Company identification** : See producer.

**2 HAZARDS IDENTIFICATION**

**Risk Phrases** : Irritating to eyes and skin.  
**HMIS Hazard Ratings** : B  
**NFPA Hazard Ratings (USA)** : Health : 1 - CAUTION : May be irritating.  
Flammability : 0 - Not combustible.  
Reactivity : 0 - Stable : Not reactive when mixed with water.  
Special Notice Key : - - - - -  
**Hazards identification** : The mixture is not dangerous when diluted at the working dilution.  
**Symptoms relating to use**  
- **Skin contact** : Repeated or prolonged skin contact may cause irritation.  
- **Eye contact** : Redness, pain. Blurred vision.  
- **Ingestion** : Abdominal pain, nausea.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

This product is considered to be hazardous and contains hazardous components.

Substance name	Contents	CAS No	EC No	Index No	Classification
Fatty acid (C16-C22) potassic salt	: 15 to 20 %	67701-09-1	----	----	Xi; R36
Fatty acids, coco, potassium salts	: 5 to 15 %	61789-30-8	263-049-9	----	Xi; R36/38
Citronella	: 0.1 to 0.5 %	8000-29-1	289-753-6	----	Xn; R65
Potassium carbonate anhydre	: 0.1 to 0.5 %	584-08-7	209-529-3	----	Xi; R36/37/38
Kalium Hydroxide	: < 1 %	1310-58-3	215-181-3	019-002-00-8	Xn; R22 C; R35

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## 3 COMPOSITION / INFORMATION ON INGREDIENTS (continued)

Water	:	> 50 %	7732-18-5	231-791-2	-----
Hazardous components.	:	Potassium hydroxyde: 0.1%.			
Composition of detergents	:	Soap: 20% fatty matter.			

## 4. FIRST AID MEASURES

### First aid measures

- Skin contact : Rinse immediately with plenty of water. Seek medical attention if irritation develops.
- Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : Rinse mouth. Seek medical advice.

## 5. FIRE-FIGHTING MEASURES

- Flammable class : Not flammable.
- Surrounding fires : Use water spray or fog for cooling exposed containers.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Exercise caution when fighting any chemical fire.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Spill area may be slippery.  
Equip cleanup crew with proper protection.
- Environmental precautions : Does not disturb the water treatment stations.
- Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.  
Flush with plenty of water. Use suitable disposal containers.

## 7. HANDLING AND STORAGE

- Storage : Keep container closed when not in use. Store at room temperature.
- Handling : Industrial. Ensure prompt removal from eyes, skin and clothing.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection
- Hand protection : In case of repeated or prolonged contact wear gloves.
- Eye protection : Chemical goggles or safety glasses.
- Ingestion : When using, do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Colour : Slightly yellow.
- pH value : > 13 in conc. form 8.5 - 10 in RTU form
- Density [kg/m<sup>3</sup>] : +/- 1018
- Viscosity at 25°C [mPa.s] : 180 to 210

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## 9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

Solubility in water : Complete.  
Flash point [°C] : > 95 (boiling point)

## 10. STABILITY AND REACTIVITY

Hazardous decomposition products : None under normal conditions. Do not mix with other product.  
Hazardous reactions : Avoid contact with : Acids. Oxidizing agent.  
Hazardous properties : None under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

Toxicity information : No data available.

## 12. ECOLOGICAL INFORMATION

On product : Biodegradable. Easily biodegradable in anaerobiose (test OCDE 301D) and biodegradable in anaerobiose according to criteria's HERA (Europe)

## 13. DISPOSAL CONSIDERATIONS

General : Comply with local regulations for disposal.

## 14. TRANSPORT INFORMATION

General information : Not classified.  
ADR/RID : Not regulated.

## 15. REGULATORY INFORMATION

Symbol(s) : Xi : Irritant  
R Phrase(s) : R36/38 : Irritating to eyes and skin.  
S Phrase(s) : S2 : Keep out of the reach of children.  
S18 : Handle and open container with care.  
S24/25 : Avoid contact with skin and eyes.  
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.  
S37 : Wear suitable gloves.  
S46 : If swallowed seek medical advice immediately and show this container or label.  
S56 : Dispose of this material and its container to hazardous or special waste collection point.  
S59 : Refer to manufacturer/supplier for information on recovery/recycling.  
S64 : If swallowed, rinse mouth with water (only if the person is conscious).

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**LINPOL NF****0200199C****16. OTHER INFORMATION****Further information** : None.

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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