



# MATERIAL SAFETY DATA SHEET

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Revised edition no : 1

Date : 13/2/2006

Supersedes : 0/0/0

## POLBIO ENZYSAN

**2102999**

www.lisam.com

**Producer**

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Tel : +32 69 22 21 21

**Responsible for distribution**

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For Chemical and Medical Emergencies Only Dial InfoTrac 1-800-535-5053

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

Identification of the product : Liquid.  
Type of product : Biological odor remover for sanitary and pipes.  
Cleaning product.  
Use : See product bulletin for detailed information.  
Dilution with water : 2.5-10%

### 2. Information on ingredients

Substance name	Contents	CAS No / EC No / Index No	Symbol(s)	R-Phrase(s)
<u>C9-C11 ethoxylate primary alcohol</u> :	1 to 5 %	68439-45-2 / ----- / -----	Xn	22-41
<u>MENTHE H.E</u> :	< 1 %	90063-97-1 / 290-058-5 / -----	Xn	10-22-65
<u>SPEARMINT H.E</u> :	< 0.25 %	8008-79-5 / 283-656-2 / -----	Xn	65
<u>Bronopol (INN) : 2-bromo-2-nitropropane-1,3 diol</u> :	< 0.25 %	52-51-7 / 200-143-0 / 603-085-00-8	Xn N	21/22-37/38-41-50
<u>Sodium cumenesulfonate</u> :	< 1 %	28348-53-0 / 248-983-7 / -----	Xi	36-38
<u>eucalyptus essence 80/85%</u> :	< 0.05 %	8000-48-4 / 283-406-2 / -----	Xn	10-65
Composition of detergents	: Anionic and non ionic surfactants.			
Other information	: Additives. (Fragrance, dyestuff, ...)			

### 3. Hazards identification

Main hazards : None. This product is not hazardous.

### 4. First aid measures

First aid  
- Eye contact : Rinse with water.  
- Ingestion : Drink two glasses of water. DO NOT INDUCE VOMITING. Seek medical advice.

### 5. Fire - fighting measures

Flammable class : Not flammable.  
- Suitable : Carbon dioxide. Dry chemical. Water spray.  
- Not to be used : Use of heavy stream of water may spread fire.

### 6. Accidental release measures

Environmental precautions : Does not disturb the water treatment stations.  
After spillage and/or leakage : Spill area may be slippery. Dilute residues and flush.



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### 7. Handling and storage

Storage : Store at room temperature.  
Handling : Handle in accordance with good industrial hygiene and safety procedures.

### 8. Exposure controls / personal protection

Personal protection  
- Respiratory protection : Not required.  
- Skin protection : Not required.  
- Eye protection : Not required.

### 9. Physical and chemical properties

Physical state : Liquid.  
Colour : Green.  
Odour : Mint  
pH value : 6.5 +/- 0.5  
Density [kg/m<sup>3</sup>] : 1002 +/- 2  
Solubility in water : Complete.  
% Volatiles (by weight) : 97.43 to 97.53

### 10. Stability and reactivity

Hazardous reactions : None under normal conditions.

### 11. Toxicological information

On product : No data available.

### 12. Ecological information

Biodegradation [%] : The surfactants have a biodegradability criteria as laid down in detergents' regulation (EC) N°648/2004.

### 13. Disposal considerations

Disposal : This product is not hazardous.  
Comply with local regulations for disposal.

### 14. Transport information

General information : Not regulated.

### 15. Regulatory information

Symbol(s) : None.  
R Phrase(s) : None.  
S Phrase(s) : S02 - Keep out of the reach of children.  
S25 - Avoid contact with eyes.

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**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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