



# MATERIAL SAFETY DATA SHEET

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Revised edition no : 7

Date : 1 / 3 / 2007

Supersedes : 21 / 2 / 2007

## POLGREEN SANITARY CLEANER

**2109299**

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

Identification of the product	: Liquid.
Type of product	: Liquid descaler for WC and bathrooms.
Use	: See product bulletin for detailed information.
Company identification	: See distributor.

### 2 HAZARDS IDENTIFICATION

Risk Phrases	: Irritating to eyes and skin.
Primary route of exposure	: Skin and eyes contact.
Symptoms relating to use	
- Skin contact	: Redness, pain.
- Eye contact	: Redness, pain.
- Ingestion	: Sore throat. Abdominal pain.

### 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
Sulfamic acid	: 5 to 15 %	5329-14-6	226-218-8	016-026-00-0	Xi; R36/38 R52-53
Alcohol, C9-11, ethoxylated (8 mol EO average molar ratio)	: 1 to 5 %	68439-45-2	----	----	Xn; R22 Xi; R41
Composition of detergents	: < 5% : - Phosphonates - Non-ionic surfactants Perfumes				

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### 4. FIRST AID MEASURES

**First aid measures**

- Skin contact : Flush with plenty of water. Seek medical attention if irritation develops.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- Ingestion : Rinse mouth. Seek medical attention if ill effect develops.  
DO NOT INDUCE VOMITING.

### 5. FIRE-FIGHTING MEASURES

- Flammable class** : Not flammable.
- Suitable extinguishing media : Water spray. Carbon dioxide. Powder.
- Unsuitable extinguishing media : Use of heavy stream of water may spread fire.
- Special procedures** : Exercise caution when fighting any chemical fire.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Equip cleanup crew with proper protection.
- Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Dilute residues and flush.

### 7. HANDLING AND STORAGE

- Storage** : Store at room temperature.
- Handling** : Industrial. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection**
- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection : Gloves.
- Eye protection : Eye protection should only be necessary where liquid could be splashed or sprayed.  
Goggles.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Colour** : Red.
- Odour** : Flowers.
- pH value (concentrated product)** : 0.5 to 0.65
- pH value in distilled water** : +/- 4.3
- Density [kg/m<sup>3</sup>]** : 1065 to 1070
- Viscosity at 20°C [mPa.s]** : 5 to 10
- % Volatiles (by weight)** : > 80



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### 10. STABILITY AND REACTIVITY

- Hazardous reactions** : Forms chlorine in contact with Hypochlorite (Bleach) Avoid contact with : Aluminium.
- Hazardous properties** : None under normal conditions.

### 11. TOXICOLOGICAL INFORMATION

- On product** : product replying to the European Ecolabel as product cleaning universal

### 12. ECOLOGICAL INFORMATION

- On ingredients** : -concern :C9 C11 Alcohol ethoxylate 6-8 OE:  
1- Final biodegradability :  
test OECD (301 B) ( CO2 ) : >60% -readily biodegradable .  
2-Aquatic toxicity :  
CL50 poissons (96 H) : 1-10 mg/l
- concern sulfamic acid :  
Aquatic toxicity :data IUCLID -Brentag  
CL50 poissons (96 H) : 70.3 mg/l
- Biodegradation [%]** : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 13. DISPOSAL CONSIDERATIONS

- General** : Dispose in a safe manner in accordance with local/national regulations.

### 14. TRANSPORT INFORMATION

- General information** : Not regulated.  
Not classified.

### 15. REGULATORY INFORMATION

- Symbol(s)** : Xi : Irritant
- R Phrase(s)** : R36/38 : Irritating to eyes and skin.
- S Phrase(s)** : S24 : Avoid contact with skin.  
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.  
S36/37 : Wear suitable protective clothing and gloves.

### 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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