

Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC

## Rilan

Code : 110597E

Version : 2

Date of issue : 1 February 2007

### 1. Identification of product and company

**Identification of the substance or preparation**

**Product name** : Rilan  
**Product use** : Scouring Agent  
 Product is for professional use only

**Company/undertaking identification**

### 2. Composition/information on ingredients

**Ingredient declaration according to detergent regulation 648/2004/EC:**

<5% non-ionic surfactants

Contains Perfumes

**Substance/preparation** : Preparation

Ingredient name	EINECS	CAS	%	Classification
Fattyalcohol ethoxylates > 5EO	Polymer.		2 - 5	Xi; R41 N; R50
<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 not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Not classified.

See section 11 for more detailed information on health effects and symptoms.

### 4. First-aid measures

**First-aid measures**

**Inhalation** : If inhaled, remove to fresh air.  
**Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. If swallowed, rinse mouth with water (only if the person is conscious).  
**Skin contact** : Flush contaminated skin with plenty of water.  
**Eye contact** : In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.

**Specific treatments** : Not available.

See section 11 for more detailed information on health effects and symptoms.

### 5. Fire-fighting measures

**Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical, or CQ  
**Special protective equipment for fire-fighters** : Fire-fighters should wear proper protective equipment.

## 6. Accidental release measures

- Personal precautions** : Large spill and leak Immediately contact safety personnel.
- Environmental precautions and clean-up methods** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
- SMALL SPILL. Rinse with plenty of running water. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

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

## 7. Handling and storage

- Handling** : After handling, always wash hands thoroughly with soap and water.
- Storage** : Keep container tightly closed. Keep away from food, drink and animal feeding stuffs. Keep only in the original container.
- Store between -5 and 40°C
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

## 8. Exposure controls/personal protection

- Exposure limit values** : Not available.
- Exposure controls**
- Occupational exposure controls** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
- Respiratory protection (EN 143, 141)** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection (EN 374)** : No special recommendations.
- Eye protection (EN 166)** : No special recommendations.
- Skin protection (EN 467)** : No special recommendations.

## 9. Physical and chemical properties

### General information

- Appearance**
- Physical state** : Liquid. (slurry)
- Colour** : White.
- Odour** : Fragrance-like.

### Important health, safety and environmental information

- pH** : 9.9 to 10.5 (100%)
- Boiling point** : Not available.
- Melting point** : Not available.
- Flash point** : > 100°C
- Product does not support combustion.
- Flammability (solid, gas)** : Not applicable.
- Explosive properties** : Not applicable.
- Explosion Limits** : Not applicable.
- Oxidising properties** : Not available.
- Vapour pressure** : Not applicable.
- Relative density** : 1.27 to 1.37 g/cm<sup>3</sup> (20 °C)
- Solubility** : Easily soluble in cold water, hot water.
- Octanol/water partition coefficient** : Not applicable.
- Viscosity** : Dynamic: 4500 cP

## Rilan

Vapour density : Not available.  
Evaporation rate (butyl acetate = 1) : Not applicable.

## 10. Stability and reactivity

Stability : Stable under normal conditions.  
Do not mix with other products.

## 11. Toxicological information

### Potential acute health effects

Inhalation : No specific hazard.  
Ingestion : No specific hazard.  
Skin contact : No specific hazard.  
Eye contact : No known significant effects or critical hazards.  
Reproductive toxicity : No known significant effects or critical hazards.

## 12. Ecological information

### Ecotoxicity

The product is not subject to ecological classification according to directive 1999/45/EC.

### Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC.

## 13. Disposal considerations

Methods of disposal : Waste must be disposed of according to applicable regulations. Use as much of the contents as possible, according to instructions. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty

Waste classification : Not applicable.

European waste catalogue (EWC) : 200130

## 14. Transport information

### International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label
ADR/RID Class	Not regulated.	-	-	-	
ADN Class	Not regulated.	-	-	-	
IMDG Class	Not regulated.	-	-	-	

Follow special pack instructions for air transport.

## 15. Regulatory information

### EU regulations

**Risk Phrases** : This product is not classified as dangerous according to EU legislation.

## 16. Other information

**Full text of R-phrases referred to in sections 2 and 3 - Europe** : R41- Risk of serious damage to eyes.  
R50- Very toxic to aquatic organisms.

### History

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**Prepared by** : Ecolab Regulatory Department Europe

### Notice to reader

*The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.*