

Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC -  
United Kingdom (UK)

## Savol Beerline Cleaner

Code : 109862E

Version : 1

Date of issue : 26 September 2006

### 1. Identification of product and company

#### Identification of the substance or preparation

Product name : Savol Beerline Cleaner  
Product use : Special detergent  
Product is for professional use only

#### Company/undertaking identification

Supplier : Ecolab Ltd.  
David Murray John Building  
UK-SN1 1NH Swindon, Wiltshire  
England  
Tel +44 (0)1793 511221  
Fax +44 (0)1793 618552  
Emergency phone: 01793 511221

anti-poison centre : NOT AVAILABLE.

### 2. Composition/information on ingredients

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

≥5 - <15% chlorine-based bleaching agents  
<5% phosphonates, polycarboxylates

Substance/preparation : Preparation

Ingredient name	EINECS	CAS	%	Classification
Sodium hydroxide	215-185-5	1310-73-2	5 - 10	C; R35
Sodium hypochlorite	231-668-3	7681-52-9	5 - 10	C; R34 R31 N; R50
See section 16 for the full text of the R-phrases declared above				

Occupational exposure limits, if available, are listed in section 8.

### 3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : C; R35  
R31

Human health hazards : Contact with acids liberates toxic gas.  
Causes severe burns.

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. In all cases of doubt, or when symptoms persist, seek medical attention.
- 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** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.
- Eye contact** : In case of contact with eyes, rinse immediately with plenty of water. Get medical attention immediately.

**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** : Do not get in eyes, on skin or on clothing. Do not breathe vapour or mist. After handling, always wash hands thoroughly with soap and water. Handle and open container with care.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 5 and 30°C
- Packaging materials Recommended** : Use original container.

**8. Exposure controls/personal protection****Ingredient name**

Sodium hydroxide

**Occupational exposure limits****EH40-WEL (United Kingdom (UK), 1/2005).**STEL: 2 mg/m<sup>3</sup> 15 minute/minutes. Form: All forms**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)** : Use appropriate respiratory protection if there is a risk of exceeding any exposure limits.
- Hand protection (EN 374)** : 1 - 4 hours: butyl rubber, nitrile rubber
- Eye protection (EN 166)** : Safety glasses, Goggles, face shield, or other full-face protection.
- Skin protection (EN 467)** : safety apron Suitable protective footwear.

**9. Physical and chemical properties****General information****Appearance**

<b>Physical state</b>	: Liquid.
<b>Colour</b>	: Green. (Light.)
<b>Odour</b>	: chlorine

**Important health, safety and environmental information**

<b>pH</b>	: 13.5 (100%)
<b>Boiling point</b>	: >100 °C
<b>Melting point</b>	: Not available.
<b>Flash point</b>	: > 100°C Product does not support combustion.
<b>Flammability (solid, gas)</b>	: Not applicable.
<b>Explosive properties</b>	: Not applicable.
<b>Explosion Limits</b>	: Not applicable.
<b>Oxidising properties</b>	: Not available.
<b>Vapour pressure</b>	: Not applicable.
<b>Relative density</b>	: 1.175 g/cm <sup>3</sup> (20 °C)
<b>Solubility</b>	: Not available.
<b>Octanol/water partition coefficient</b>	: Not applicable.
<b>Viscosity</b>	: Not available.
<b>Vapour density</b>	: Not available.
<b>Evaporation rate (butyl acetate = 1)</b>	: Not applicable.

**10. Stability and reactivity**

<b>Stability</b>	: Stable under normal conditions.
<b>Materials to avoid</b>	: Highly reactive or incompatible with the following materials: acids. Reactive or incompatible with the following materials: organic materials and metals. Non-reactive or compatible with the following materials: alkalis and moisture. Do not mix with other products.

**11. Toxicological information****Potential acute health effects**

<b>Inhalation</b>	: Harmful by inhalation.
<b>Ingestion</b>	: Causes severe burns.
<b>Skin contact</b>	: Severely corrosive to the skin.
<b>Eye contact</b>	: Severely corrosive to the eyes.
<b>Reproductive toxicity</b>	: 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 product contains active chlorine or active chlorine carriers. Officially determined threshold values for wastewater (also for partial flows, if applicable) and local discharge guidelines must be observed.

**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)** : 16 09 04

**14. Transport information****International transport regulations**

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label
<b>ADR/RID Class</b>	UN3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide, Sodium hypochlorite)	8	II	8
<b>ADN Class</b>	UN3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide, Sodium hypochlorite)	8	II	8
<b>IMDG Class</b>	UN3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide, Sodium hypochlorite)	8	II	8

Follow special pack instructions for air transport.

**15. Regulatory information****EU regulations**

**Hazard symbol/symbols** :



Corrosive

- Contains** : Sodium hydroxide
- Risk Phrases** : R35- Causes severe burns.  
R31- Contact with acids liberates toxic gas.
- Safety phrases** : S2- Keep out of the reach of children.  
S7- Keep container tightly closed.  
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.  
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations.

The Control of Substances Hazardous to Health Regulations.

Health and Safety at Work Act.

**16. Other information**

- Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK)** : R34- Causes burns.  
R35- Causes severe burns.  
R31- Contact with acids liberates toxic gas.  
R50- Very toxic to aquatic organisms.

**History**

- Date of printing** : 27 September 2006
- Date of issue** : 26 September 2006

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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.***

Version 1

Page: 5/5