

# SAFETY DATA SHEET

DCS Glass Cleaner #1

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

**Product name and/or code** : DCS Glass Cleaner #1  
**Manufacturer** : Essential Industries, Inc.  
P.O. Box 12  
Merton, WI 53056-0012  
Phone: 262-538-1122  
**Emergency telephone number of the company** : 1-800-843-6174  
**Product use** : Concentrated glass cleaner

## 2. Composition/information on ingredients

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name*	CAS number	%	EC number	Classification
Sodium lauryl ether sulfate	9004-82-4	3.712 - 3.84		Xn; R22
See section 16 for the full text of the R-phrases declared above				

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

## 3. Hazards identification

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Not classified.  
**Additional warning phrases** : Safety Data Sheet available for professional user on request.

## 4. First aid measures

### First aid measures

- General** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

**Date of issue** : 2/8/2010.

Page: 1/5

## 5. Fire-fighting measures

- Extinguishing media** : Recommended: alcohol-resistant foam, CO<sub>2</sub>, powders, water spray.
- Recommendations** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

## 6. Accidental release measures

- Personal precautions** : Avoid breathing vapor or mist. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

- Spill** : Preferably clean with a detergent. Avoid using solvents.

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

## 7. Handling and storage

- Handling** : Keep container tightly closed. Avoid contact with skin and eyes. Avoid inhalation of vapor, spray or mist. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see section 8). Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.

- Storage** : Store in accordance with local regulations. Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. Keep away from: oxidizing agents, strong alkalis, strong acids. No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

## 8. Exposure controls/personal protection

- Engineering measures** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.

- Occupational exposure limits** : Not available

### Personal protective equipment

- Respiratory system** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

- Skin and body** : Personnel should wear antistatic clothing made of natural fibers or of high-temperature-resistant synthetic fibers.

### **Hands**

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

- Eyes** : Use safety eyewear designed to protect against splash of liquids.

### Environmental exposure controls

Do not allow to enter drains or watercourses.

## 9. Physical and chemical properties

<b>Physical state</b>	: Liquid
<b>Odor</b>	: Bland (No fragrance added)
<b>Color</b>	: Blue [Dark](dye added)
<b>Flash point</b>	: Closed cup: >93.3°C (>199.9°F)
<b>pH</b>	: 10.5 to 11.5
<b>Vapor density</b>	: <1 [Air = 1]

## 10. Stability and reactivity

Stable under recommended storage and handling conditions (see section 7).

Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

## 11. Toxicological information

There is no data available on the preparation itself. The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Sodium lauryl ether sulfate	LD50 Oral	Rat	1600 mg/kg	-

**Conclusion/Summary** : Not available

### Chronic toxicity

**Conclusion/Summary** : Not available

### Carcinogenicity

**Conclusion/Summary** : Not available

### Mutagenicity

**Conclusion/Summary** : Not available

### Teratogenicity

**Conclusion/Summary** : Not available

### Reproductive toxicity

**Conclusion/Summary** : Not available

## 12. Ecological information

There is no data available on the preparation itself.

Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

### Aquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
Sodium lauryl ether sulfate	-	Acute EC50 3.12 to 4.01 mg/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate - <24 hours	48 hours

**Conclusion/Summary** : Not available

### Biodegradability

**Date of issue** : 2/8/2010.

Page: 3/5

## 12. Ecological information

**Conclusion/Summary** : Not available

## 13. Disposal considerations

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

## 14. Transport information

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### Land - road/railway

**Transport document name** : -

**Packing group** : -

### Sea

**Proper shipping name** : -

**Special provisions** : Not available

**Packing group** : -

**Marine pollutant** : No.

### Air

**Proper shipping name** : -

**Special provisions** : Not available

**Packing group** : -

The "viscosity exemption" provisions do not apply to air transport.

### Inland waterways

**Proper shipping name** : -

**Packing group** : -

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

## 15. Regulatory information

**EU regulations** : The product is determined as not being dangerous according to the requirements of the DPD.

**Risk phrases** : This product is not classified according to EU legislation.

**Europe inventory** : Not determined.

**Additional warning phrases** : Safety Data Sheet available for professional user on request.

## 16. Other information

**CEPE Classification** : 8

**Full text of R-phrases** : R22- Harmful if swallowed.

**referred to in sections 2 and 3 - Europe**

The information in this Safety Data Sheet is required pursuant to EU Directive 91/155/EEC and its amendments.

**Date of issue** : 2/8/2010.

**Version** : 1

☑ Indicates information that has changed from previously issued version.

**Notice to reader**

**Date of issue** : 2/8/2010.

Page: 4/5

## 16. Other information

*The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.*