

# Material Safety Data Sheet

PROFORCE FLOOR CLEANER & DEGREASER



## Section 1. Chemical product and company identification

**Trade name** : PROFORCE FLOOR CLEANER & DEGREASER  
**Product use** : Floor Cleaner  
**Supplier** : Ecolab Inc.  
4050 Corporate Drive, Suite 100  
Grapevine, TX 76051-2326  
1-888-586-9838  
www.ProForceCleaners.com  
**Code** : 912177  
**Date of issue** : 25-May-2006

**EMERGENCY HEALTH INFORMATION: 1-866-897-8061**  
**Outside United States and Canada CALL 1-952-852-4656 (in USA)**

## Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
sodium dodecylbenzene sulfonate	25155-30-0	5
2-butoxyethanol	111-76-2	3
poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	34398-01-1	1 - 5
disodium metasilicate	6834-92-0	1 - 5
xylenesulfonic acid, sodium salt	1300-72-7	1 - 5

## Section 3. Hazards identification

**Physical state** : Liquid. (Liquid.)  
**Emergency overview** : WARNING!

CAUSES EYE AND SKIN IRRITATION.

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

### Potential acute health effects

**Eyes** : Irritating to eyes.  
**Skin** : Irritating to skin.  
**Inhalation** : Slightly irritating to the respiratory system.  
**Ingestion** : No known significant effects or critical hazards.

**See toxicological information (section 11)**

## Section 4. First aid measures

**Eye contact** : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention.  
**Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.  
**Inhalation** : If inhaled, remove to fresh air.  
**Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

## Section 5. Fire fighting measures

**Flash point** : 148.889 °C (Closed cup)  
Product does not support combustion.  
**Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.  
Dike liquid for later disposal.  
No specific hazard.  
**Special protective equipment for fire-fighters** :

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

- Personal precautions** : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## Section 7. Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage** : Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.  
Store between 10 and 50°C

## Section 8. Exposure controls, personal protection

- Engineering controls** : Good general ventilation should be sufficient to control airborne levels.

### Personal protection

- Eyes** : Wear eye protection.
- Hands** : Use chemical-resistant, impervious gloves.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.

### Name

2-butoxyethanol

### Exposure limits

**ACGIH TLV (United States, 1/2005).**

TWA: 20 ppm 8 hour(s). Form: All forms

**OSHA PEL (United States, 8/1997). Skin**

TWA: 240 mg/m<sup>3</sup> 8 hour(s). Form: All forms

TWA: 50 ppm 8 hour(s). Form: All forms

## Section 9. Physical and chemical properties

- Physical state** : Liquid. (Liquid.)
- Color** : Red. (Light.)
- Odor** : Floral.
- pH** : 7.5 (100%)
- Boiling/condensation point** : >100 °C
- Specific gravity** : 1.015 (Water = 1)
- Viscosity** : Dynamic: 50 cP
- Dispersibility properties** : Easily dispersed in cold water, hot water.
- Solubility** : Easily soluble in cold water, hot water.

## Section 10. Stability and reactivity

**Stability** : The product is stable.

## Section 11. Toxicological information

### Potential acute health effects

**Eyes** : Irritating to eyes.  
**Skin** : Irritating to skin.  
**Inhalation** : Slightly irritating to the respiratory system.  
**Ingestion** : No known significant effects or critical hazards.  
**Chronic effects on humans** : Contains material which causes damage to the following organs: blood, kidneys, liver, lymphatic system, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea, stomach.

## Section 12. Ecological information

**Products of degradation** : These products are carbon oxides (CO, CO<sub>2</sub>) and water, sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub> etc.). Some metallic oxides.

## Section 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Consult your local or regional authorities.**

## Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	Not regulated.	-	-	-	-

**APPLIES ONLY DURING ROAD TRANSPORT**

Any variation of the shipping description based on the packaging is not addressed.

## Section 15. Regulatory information

**HCS Classification** : Irritating material

Target organ effects

**U.S. Federal regulations** : SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

**TSCA 8(b) inventory** : All materials are listed or exempt.

**SARA 313**

**Product name**

**Concentration**

**Form R - Reporting requirements:** 2-butoxyethanol

3.4749

**California Prop. 65** : No products were found.

## Section 16. Other information

<b>Hazardous Material Information System (U.S.A.)</b>	<b>Health</b>	2
	<b>Fire hazard</b>	0
	<b>Reactivity</b>	0
	<b>Personal protection</b>	B

**Date of issue** : 25-May-2006.

Responsible name : Regulatory Affairs  
Date of previous issue : 16-May-2006.

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.