

# SAFETY DATA SHEET



## ENCOMPASS HIGH PERFORMANCE NEUTRAL FLOOR CLEANER

### Section 1. Chemical product and company identification

**Product name** : ENCOMPASS HIGH PERFORMANCE NEUTRAL FLOOR CLEANER  
**Recommended use and restrictions** : Floor Cleaner  
Use only for the purpose on the product label.

**Product dilution information** : Up to 2 oz/gal or 15.6 mL/L in water

**Supplier's information** : Ecolab Inc. Healthcare Division  
370 N. Wabasha St.  
St. Paul, MN 55102  
1-866-781-8787

**Code** : 914993-02

**Date of issue** : 15 May 2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

### Section 2. Hazards identification

**GHS Classification** : **Product AS SOLD**  
ACUTE TOXICITY: INHALATION - Category 4  
SERIOUS EYE DAMAGE/ EYE IRRITATION -  
Category 2B

#### GHS label elements

**Signal word** : Warning

**Symbol** :



**Hazard statements** : Harmful if inhaled.  
Causes eye irritation.

#### Precautionary statements

**Prevention** : Use only outdoors or in a well-ventilated area.  
Avoid breathing vapor. Wash hands thoroughly  
after handling.

**Response** : IF INHALED: Remove victim to fresh air and  
keep at rest in a position comfortable for  
breathing. Call a POISON CENTER or  
physician if you feel unwell. IF IN EYES: Rinse  
cautiously with water for several minutes.  
Remove contact lenses, if present and easy to  
do. Continue rinsing. If eye irritation persists:  
Get medical attention.

**Storage** : No other specific measures identified.

**Disposal** : See section 13 for waste disposal information.

**Other hazards** : None known.

#### **Product AT USE DILUTION**

Not classified.

No signal word.

No known significant effects or critical  
hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

No other specific measures identified.

See section 13 for waste disposal  
information.

None known.

## Section 3. Composition/information on ingredients

Substance/mixture : Mixture

### Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
oxirane, methyl-, polymer with oxirane	5 - 20	9003-11-6
SODIUM XYLENE SULFONATE	1 - 5	1300-72-7
poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-	1 - 5	160875-66-1

### Product AT USE DILUTION

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

## Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.	No known effect after eye contact. Rinse with water for a few minutes.
<b>Skin contact</b>	: No known effect after skin contact. Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
<b>Inhalation</b>	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell.	No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If ventilation is inadequate, use respirator that will protect against dust/mist.	
<b>Notes to physician</b>	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	
<b>See toxicological information (section 11)</b>		

## Section 5. Fire-fighting measures

### Product AS SOLD

<b>Suitable fire extinguishing media</b>	: Use water spray, fog or foam.
<b>Specific hazards arising from the chemical</b>	: In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides
<b>Specific fire-fighting methods</b>	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	: 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

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Personal precautions</b>	: Use personal protective equipment as required.	Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

## Section 7. Handling and storage

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Handling</b>	: Do not ingest. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Wash thoroughly after handling.	Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Keep container tightly closed.  Store between the following temperatures: 0 and 50°C	Keep out of reach of children.

## Section 8. Exposure controls/personal protection

**Control parameters**

Ingredient name	Exposure limits
None.	

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Appropriate engineering controls</b>	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Personal protection</b>		
<b>Eye protection</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
<b>Hand protection</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
<b>Skin protection</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
<b>Respiratory protection</b>	: Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.	A respirator is not needed under normal and intended conditions of product use.
<b>Hygiene measures</b>	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.	

## Section 9. Physical and chemical properties

	Product AS SOLD
Physical state	: Liquid.
Color	: Orange
Odor	: Sweetish
pH	: 6.6 to 8.6 (100%)
Flash point	: > 100°C
Explosion limits	: Not available.
Flammability (solid, gas)	: Not available.
Melting point	: Not available.
Boiling point	: >100°C (>212°F)
Evaporation rate (butyl acetate = 1)	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 1.012 to 1.032 (Water = 1)
Solubility	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Odor threshold	: Not available.
Viscosity	: Dynamic (room temperature): 13 mPa·s (13 cP)

### Product AT USE DILUTION

Liquid.  
Orange  
Sweetish  
7 to 8.5  
> 100°C

## Section 10. Stability and reactivity

### Product AS SOLD

Stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Materials to avoid	: Not available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

### Product AS SOLD

#### Symptoms

Eye contact	: Adverse symptoms may include the following: irritation watering redness
Skin contact	: No specific data.
Inhalation	: No specific data.
Ingestion	: No specific data.

#### Acute toxicity

### Product AT USE DILUTION

No specific data.  
  
No specific data.  
No specific data.  
No specific data.

## Section 11. Toxicological information

<b>Eye contact</b>	: Causes eye irritation.	No known significant effects or critical hazards.
<b>Skin contact</b>	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
<b>Inhalation</b>	: Harmful if inhaled.	No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.	No known significant effects or critical hazards.

### Toxicity data

#### Product/ingredient name

oxirane, methyl-, polymer with oxirane	LC50 Inhalation	Rat	0.147 mg/l
	Dusts and mists		
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	>2000 mg/kg
	LC50 Inhalation	Rat	>6.2 mg/l
	Dusts and mists		
poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	>7000 mg/kg
	LD50 Oral	Rat	>2000 mg/kg

### Chronic toxicity

<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Teratogenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: No known significant effects or critical hazards.

## Section 12. Ecological information

### Product AS SOLD

**Ecotoxicity** : No known significant effects or critical hazards.

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
oxirane, methyl-, polymer with oxirane	Acute LC50 >100 mg/l	Fish	96 hours
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	Acute EC50 230 mg/l	Aquatic plants	96 hours
poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-	Acute EC50 10 mg/l	Daphnia	48 hours

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

### Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

## Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**DOT**

DOT Classification : Not regulated.

**IMO/IMDG**

IMO/IMDG Classification : Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

**Product AT USE DILUTION**

Not intended for transport.

## Section 15. Regulatory information

Product AS SOLD

**U.S. Federal regulations**

TSCA 8(b) inventory : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

**SARA 313** : Product name CAS number Concentration

Form R - Reporting requirements : No listed substance

**California Prop. 65** : No listed substance

## Section 16. Other information

Product AS SOLD

Hazardous Material Information System (U.S.A.) :

Health	1
Flammability	0
Physical hazards	0

National Fire Protection Association (U.S.A.) :



Date of issue : 15 May 2013  
 Prepared by : Regulatory Affairs  
 1-800-352-5326

**Notice to reader**

Product AT USE DILUTION

Health	0
Flammability	0
Physical hazards	0



## **Section 16. Other information**

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.