

Material Safety Data Sheet

PROFORCE PINK LOTION DISH DETERGENT



1. Product and company identification

Trade name of product : PROFORCE PINK LOTION DISH DETERGENT

Product use : Manual Warewashing Detergent

Product dilution information : Up to 2 oz/8 gal or 57 mL/30 L in water

Supplier's information : Ecolab Inc.
1801 Riverbend West Drive
Fort Worth TX 76118
1-866-999-7484
www.ProForceCleaners.com

Code : 913589-01

Date of issue : 01-May-2012

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

2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency overview : CAUTION !

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes. Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : Moderately irritating to eyes.

Skin : Slightly irritating to the skin.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (Section 11)

Product AT USE DILUTION

Liquid.

CAUTION !

No specific hazard.

No specific hazard.

Product AT USE DILUTION

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

3. Composition/information on ingredients

Product AS SOLD

Name	CAS number	% by weight
COCAMIDOPROPYL BETAINE	61789-40-0	1 - 5
SODIUM C14-16 OLEFIN SULFONATE	68439-57-6	1 - 5
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c10-16-alkyl ethers, sodium salts	68585-34-2	1 - 5

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.

4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.	No known effect after eye contact. Rinse with water for a few minutes.
Skin contact	: Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
Inhalation	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
Ingestion	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products

: Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds
metal oxide/oxides

Fire-fighting media and instructions

: Use dry chemical, CO₂, water spray (fog) or foam.

Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff.

Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

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.

6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	: Use personal protective equipment as required.	Use personal protective equipment as required.
Environmental precautions	: 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.
Methods for cleaning up	: If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling	: Avoid contact with eyes. Wash thoroughly after handling.	Wash thoroughly after handling.
Storage	: Keep out of reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Store in a closed container. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Do not store above the following temperature: 50°C	Keep out of reach of children.

8. Exposure controls/personal protection

	Product AS SOLD	Product AT USE DILUTION
Engineering measures	: 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. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protection		
Eyes	: Eye protection should be used when splashing may occur.	No protective equipment is needed under normal use conditions.
Hands	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
Skin	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
Respiratory	: No special protection is required.	No special protection is required.
Consult local authorities for acceptable exposure limits.		

9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Liquid.	Liquid.
Flash point	: 88 °C (Closed cup) Product does not support combustion.	> 100°C
Color	: pink [Light]	Clear [Light]
Odor	: citrus	citrus
pH	: 6.5 to 8.5 [Conc. (% w/w): 100%]	7 to 8
Boiling/condensation point	: 100°C (212°F)	
Relative density	: 1.03 to 1.07	
Viscosity	: Dynamic: 600 mPa·s (600 cP)	
Solubility	: Easily soluble in the following materials: cold water and hot water.	

10. Stability and reactivity

Product AS SOLD		
Stability	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.	
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.	

11. Toxicological information

Potential acute health effects

	Product AS SOLD	Product AT USE DILUTION
Eyes	: Moderately irritating to eyes.	No known significant effects or critical hazards.
Skin	: Slightly irritating to the skin.	No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.	No known significant effects or critical hazards.

11. Toxicological information

Ingestion : No known significant effects or critical hazards.

No known significant effects or critical hazards.

Product AS SOLD

Other adverse effects

Target organs : Contains material which may cause damage to the following organs: eyes, stomach.

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD

Waste disposal : 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.

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.

Product AS SOLD

DOT Classification Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

15. Regulatory information

Product AS SOLD

HCS Classification : Irritating material
Target organ effects

Product AT USE DILUTION

Not regulated.

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

16. Other information

16. Other information

Product AS SOLD

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

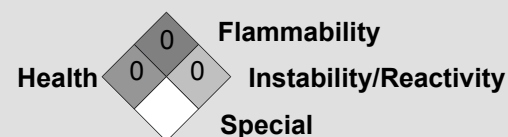
Health	1
Flammability	0
Physical hazards	0

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



Product AT USE DILUTION

Health	0
Flammability	0
Physical hazards	0



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Responsible name : Regulatory Affairs
1-800-352-5326

▣ Indicates information that has changed from previously issued version.

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.