Material Safety Data Sheet



FACILIPRO ULTRA CONCENTRATED GENERAL PURPOSE CLEANER

1. Product and company identification

Trade name of product : FACILIPRO ULTRA CONCENTRATED GENERAL PURPOSE CLEANER

Product use : Degreaser

Product dilution information: Up to 12.8 oz/gal or 100 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division

370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326

Code : 910289-02

Date of issue : 14-December-2012

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

2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency : WARNING!

overview

CAUSES RESPIRATORY TRACT, EYE AND SKIN

IRRITATION.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash

thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : Severely irritating to eyes.Skin : Severely irritating to the skin.

Inhalation: Severely irritating to the respiratory system.

Ingestion: No known significant effects or critical hazards.

Product AT USE DILUTION

Liquid. CAUTION!

MAY CAUSE EYE AND SKIN IRRITATION.

Avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

Product AT USE DILUTION

Moderately irritating to eyes. Moderately irritating to the skin.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

See toxicological information (Section 11)

3. Composition/information on ingredients

Product AS SOLD

<u>Name</u>	CAS number	% by weight
SODIUM HYDROXIDE	1310-73-2	1
alcohols, c9-11, ethoxylated	68439-46-3	5 - 20
SODIUM XYLENE SULFONATE	1300-72-7	1 - 5
TRIETHANOLAMINE	102-71-6	1 - 5

Product AT USE DILUTION

Name CAS number % by weight

SODIUM HYDROXIDE 1310-73-2 <0.5

4. First aid measures

Product AS SOLD

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 : In case of contact, immediately flush skin with plenty

> of water. Continue to rinse for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse.

Clean shoes thoroughly before reuse.

Inhalation : If inhaled, remove to fresh air. If exposed person is

not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention.

: Get medical attention if symptoms occur. Ingestion

Product AT USE DILUTION

In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.

No special measures required. Treat symptomatically.

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 nitrogen oxides sulfur oxides metal oxide/oxides

Fire-fighting media and

instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

Special protective equipment for fire-fighters

mode.

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

Accidental release measures 6.

Product AS SOLD

Personal precautions Environmental : Use personal protective equipment as required.

: Avoid contact of large amounts of spilled material and

runoff with soil and surface waterways.

Product AT USE DILUTION

Use personal protective equipment as

required.

Avoid contact of large amounts of spilled material and runoff with soil and surface

waterways.

Use a water rinse for final clean-up.

Methods for cleaning up

precautions

: Use a water rinse for final clean-up.

Handling and storage 7.

Product AS SOLD

Handling : Avoid contact with eyes, skin and clothing. Do not

breathe vapor or spray. Keep container closed. Use only with adequate ventilation. Wash thoroughly after

handling.

: Keep out of reach of children. Store in a closed Storage

container.

Store between the following temperatures: 0 and 50°C

Product AT USE DILUTION

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

Keep out of reach of children. Store in a

closed container.

Exposure controls/personal protection 8.

Product AS SOLD

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.

Personal protection

: Wear eye protection. **Eyes**

Hands : Use chemical-resistant, impervious gloves.

Skin : No protective equipment is needed under normal use

conditions.

Respiratory : Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are

exceeded.

Product AT USE DILUTION

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Eye protection should be used when splashing may occur.

For prolonged or repeated handling, use the following type of gloves: Impervious gloves.

No protective equipment is needed under

normal use conditions.

No special protection is required.

Product AT USE DILUTION

Liquid.

citrus

11 to 13

> 100°C

fluorescent [Light]

Ingredient	Exposure limits	
TRIETHANOLAMINE	ACGIH TLV (United States, 2/2010).	
	TWA: 5 mg/m ³ 8 hour(s).	
SODIUM HYDROXIDE	ACGIH TLV (United States, 2/2010).	
	C: 2 mg/m³	
	OSHA PEL (United States, 6/2010).	
	TWA: 2 mg/m ³ 8 hour(s).	
	NIOSH REL (United States, 6/2009).	
	CEIL: 2 mg/m³	

9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.

Flash point : >93 °C (Closed cup)

Product does not support combustion.

Color : fluorescent Odor : citrus

pН : 12 to 13.5 [Conc. (% w/w): 100%]

Boiling/ : >100°C (>212°F)

condensation

point

Relative density: 1.02 to 1.045

Solubility : Easily soluble in the following materials: cold water

and hot water.

Stability and reactivity **10**.

Product AS SOLD

Stability : The product is stable. Under normal conditions of storage and use, hazardous

polymerization will not occur.

Reactivity Reactive or incompatible with the following materials: acids.

Hazardous decomposition

products

Under normal conditions of storage and use, hazardous decomposition products should

not be produced.

Stability and reactivity 10.

Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.

Toxicological information 11.

Potential acute health effects

Product AS SOLD

: Severely irritating to eyes. Eyes Skin : Severely irritating to the skin.

: Severely irritating to the respiratory system. Inhalation

Ingestion : No known significant effects or critical hazards. **Product AT USE DILUTION**

Moderately irritating to eyes. Moderately irritating to the skin.

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: upper respiratory

tract.

12. Ecological information

Ecotoxicity : Not reported

Disposal considerations

Product AS SOLD

: Diluted product can be flushed to sanitary sewer. Waste disposal

Discard empty container in trash.

RCRA : Unused product is D002 (Corrosive)

classification

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

DOT Classification UN1824

DOT Proper shipping name Sodium hydroxide solution

Class Packing group Ш

IMO/IMDG

IMO/IMDG Classification UN1824

IMO/IMDG Proper shipping name SODIUM HYDROXIDE SOLUTION

Class 8 **Packing group** Ш

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

Product AT USE DILUTION

Not intended for transport.

15. Regulatory information

Product AS SOLD

HCS : Irritating material
Classification Target organ effects

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

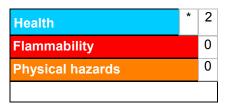
: No listed substance

California Prop. 65 : No listed substance

16. Other information

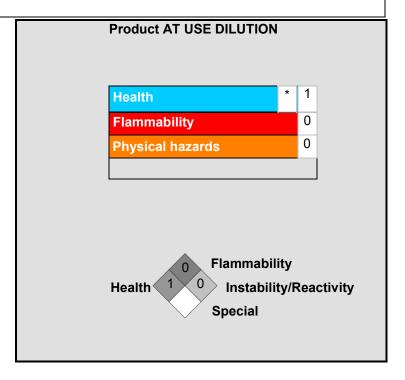
Product AS SOLD

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



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





Product AT USE DILUTION

Irritating material

Date of issue : 14-December-2012
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.