

# 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 overview : WARNING !

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.

See toxicological information (Section 11)

### 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.

## 3. Composition/information on ingredients

### Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
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

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
SODIUM HYDROXIDE	1310-73-2	<0.5

## 4. First aid measures

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Eye contact</b>	: 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.	In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.
<b>Skin contact</b>	: 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.	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.
<b>Inhalation</b>	: If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention.	No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.

## 5. Fire-fighting measures

**Product AS SOLD**

<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides
<b>Fire-fighting media and instructions</b>	: 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.
<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.

## 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.

## 7. Handling and storage

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Handling</b>	: 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.	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Store in a closed container.  Store between the following temperatures: 0 and 50°C	Keep out of reach of children. Store in a closed container.

## 8. Exposure controls/personal protection

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Engineering measures</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>Eyes</b>	: Wear eye protection.	Eye protection should be used when splashing may occur.
<b>Hands</b>	: Use chemical-resistant, impervious gloves.	For prolonged or repeated handling, use the following type of gloves: Impervious gloves.
<b>Skin</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
<b>Respiratory</b>	: Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.	No special protection is required.

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

## 9. Physical and chemical properties

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Physical state</b>	: Liquid.	Liquid.
<b>Flash point</b>	: >93 °C (Closed cup) Product does not support combustion.	> 100°C
<b>Color</b>	: fluorescent	fluorescent [Light]
<b>Odor</b>	: citrus	citrus
<b>pH</b>	: 12 to 13.5 [Conc. (% w/w): 100%]	11 to 13
<b>Boiling/condensation point</b>	: >100°C (>212°F)	
<b>Relative density</b>	: 1.02 to 1.045	
<b>Solubility</b>	: Easily soluble in the following materials: cold water and hot water.	

## 10. Stability and reactivity

### Product AS SOLD

<b>Stability</b>	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Reactivity</b>	: Reactive or incompatible with the following materials: acids.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 10. Stability and reactivity

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

## 11. Toxicological information

### 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**

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

## 13. Disposal considerations

**Product AS SOLD**

**Waste disposal** : Diluted product can be flushed to sanitary sewer.  
Discard empty container in trash.  
**RCRA classification** : Unused product is D002 (Corrosive)

**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** 8  
**Packing group** III

### IMO/IMDG

**IMO/IMDG Classification** UN1824  
**IMO/IMDG Proper shipping name** SODIUM HYDROXIDE SOLUTION  
**Class** 8  
**Packing group** III

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 Classification** : Irritating material  
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

**Product AT USE DILUTION**

Irritating material

## 16. Other information

**Product AS SOLD**

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

Health	*	2
Flammability		0
Physical hazards		0

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



**Product AT USE DILUTION**

Health	*	1
Flammability		0
Physical hazards		0



**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.**