Material Safety Data Sheet

PROFORCE HEAVY DUTY DEGREASER



1. Product and company identification

Trade name of product : PROFORCE HEAVY DUTY DEGREASER

Product use : Degreaser

Product dilution information : 2 - 64 oz/gal or 59 - 1893 mL/3.785 L

Supplier's information: Ecolab Inc.

1801 Riverbend West Drive Fort Worth TX 76118 1-866-999-7484

www.ProForceCleaners.com

Code : 915302

Date of issue : 21-September-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 : CAUTION!

overview

MAY CAUSE EYE AND SKIN IRRITATION.

Avoid contact with eyes, skin and clothing. Wash

thoroughly after handling.

Potential acute health effects

Product AS SOLD

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

Inhalation : Slightly 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.

Slightly irritating to the respiratory system.

No known significant effects or critical

hazards.

See toxicological information (Section 11)

3. Composition/information on ingredients

Product AS SOLD

<u>Name</u>	<u>CAS number</u>	% by weight
SODIUM CARBONATE	497-19-8	5 - 20
SODIUM XYLENE SULFONATE	1300-72-7	5 - 20
TETRASODIUM EDTA	64-02-8	1 - 5
alcohols, c10-14, ethoxylated	66455-15-0	1 - 5
alcohols, c9-11, ethoxylated	68439-46-3	1 - 5

Product AT USE DILUTION		
<u>Name</u>	CAS number	% by weight
SODIUM CARBONATE	497-19-8	1 - 5
SODIUM XYLENE SULFONATE	1300-72-7	1 - 5
TETRASODIUM EDTA	64-02-8	1 - 5

Composition/information on ingredients 3.

4. First aid measures

Product AS SOLD

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.

Skin contact : 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.

Inhalation : No special measures required. Treat symptomatically.

Ingestion : Get medical attention if symptoms occur. **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

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

Accidental release measures 6.

Product AS SOLD

Personal precautions

precautions

Environmental

: Use personal protective equipment as required.

: Avoid contact of large amounts of spilled material and

runoff with soil and surface waterways.

Use personal protective equipment as required.

Product AT USE DILUTION

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

Handling

: Use a water rinse for final clean-up.

Handling and storage 7.

Product AS SOLD

: Avoid contact with eyes, skin and clothing. Wash

thoroughly after handling.

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

container.

Store between the following temperatures: -5 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

: Good general ventilation should be sufficient to control

worker exposure to airborne contaminants.

Personal protection

Eves : Eye protection should be used when splashing may

occur.

: For prolonged or repeated handling, use the following Hands

type of gloves: Impervious gloves.

Skin : No protective equipment is needed under normal use

conditions.

Respiratory : No special protection is required.

Consult local authorities for acceptable exposure limits.

Product AT USE DILUTION

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

contaminants.

Eve 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.

9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid. Flash point : > 100°C

Product does not support combustion.

Color : Purple [Light]

Odor : citrus

: 12.4 to 13.2 [Conc. (% w/w): 100%] Ha

Boiling/condensation: 100°C (212°F)

point

Relative density: 1.12 to 1.14

Product AT USE DILUTION

Liquid. > 100°C

Purple [Light]

citrus 12.2 to 13

Stability and reactivity

Product AS SOLD

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

polymerization will not occur.

Slightly reactive or incompatible with the following materials: acids. Reactivity

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.

Toxicological information 11.

Potential acute health effects

Product AS SOLD

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

Inhalation : Slightly 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.

Slightly irritating to the respiratory system. No known significant effects or critical

hazards.

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 : 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 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.

15. Regulatory information

Product AS SOLD

HCS: Irritating material

Classification
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

Information System (U.S.A.)

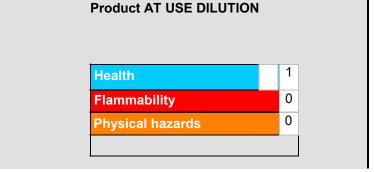
Hazardous Material

Health

Flammability

Physical hazards

0



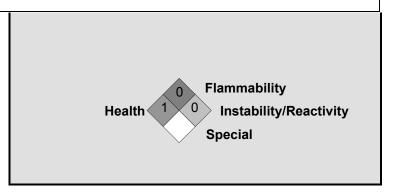


Irritating material

16. Other information

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





Date of issue : 21-September-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.