Material Safety Data Sheet

PROFORES.

PROFORCE LEMON FRESH DISINFECTANT CLEANER

1. Product and company identification

Trade name of product : PROFORCE LEMON FRESH DISINFECTANT CLEANER

Product use : Cleaner and disinfectant

Product dilution information : 2 oz/gal or 15.58 mL/L

Supplier's information: Ecolab Inc.

201 E. John Carpenter Freeway, Ste. 500

Irving, TX 75062 1-866-999-7484

www.ProForceCleaners.com

Code : 908587

Date of issue : 12-December-2012 EPA Registration No. : 6836-73-1677

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 : DANGER!

overview : DANGE

CAUSES DIGESTIVE TRACT, EYE AND SKIN

BURNS.

HARMFUL IF SWALLOWED.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

Do not ingest. Do not get in eyes, on skin or on

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 : Corrosive to eyes.

Skin: Corrosive to the skin.

Inhalation: Moderately irritating to the respiratory system.

Ingestion: Causes burns to mouth, throat and stomach.

Product AT USE DILUTION

Liquid. CAUTION!

No specific hazard.

No specific hazard.

Product AT USE DILUTION

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
alcohols, c9-11, ethoxylated	68439-46-3	1 - 5
TETRASODIUM EDTĂ	64-02-8	1 - 5
DICAPRYL/DICAPRYLYL DIMONIUM CHLORIDE	68424-95-3	1 - 5
BENZALKONIUM CHLORIDE	68424-85-1	1 - 5
SODIUM METASILICATE	6834-92-0	1 - 5

Composition/information on ingredients 3.

Product AT USE DILUTION

Name **CAS** number % by weight

First aid measures 4.

Product AS SOLD

: In case of contact, immediately flush eyes with cool Eye contact

> running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes.

Get medical attention immediately.

Skin contact : In case of contact, immediately flush skin with plenty

of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse.

Clean shoes thoroughly before reuse.

Inhalation : If inhaled, remove to fresh air.

: If material has been swallowed and the exposed Ingestion

> person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by

mouth to an unconscious person. Get medical

attention immediately.

Product AT USE DILUTION

No known effect after eye contact. Rinse with

water for a few minutes.

No known effect after skin contact. Rinse with

water for a few minutes.

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 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.

6. Accidental release measures

Product AS SOLD

Personal precautions : Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled

material.

Environmental precautions

: Avoid contact 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.

6. Accidental release measures

Methods for cleaning up

: Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for final clean-up.

Use a water rinse for final clean-up.

7. Handling and storage

Product AS SOLD

Handling: Do not ingest. Do not get in eyes, on skin, or on

clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

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

Store between the following temperatures: 0 and 50°C

Product AT USE DILUTION

Wash thoroughly after handling.

Keep out of reach of children.

8. Exposure controls/personal protection

Engineering measures

Product AS SOLDUse only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process

generate dust, rumes, 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. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of

contact or splash hazard.

Product AT USE DILUTION

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

Personal protection

Eyes: Use chemical splash goggles. For continued or severe

exposure wear a face shield over the goggles.

Hands: Use chemical-resistant, impervious gloves.

Skin: Wear suitable protective clothing.

Respiratory : Avoid breathing vapors, spray or mists.

Consult local authorities for acceptable exposure limits.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

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 : Yellow [Light]

Odor : citrus

pH : 12.4 to 13.4 [Conc. (% w/w): 100%]

Relative density : 1.015 to 1.035

Solubility : Easily soluble in the following materials: cold water

and hot water.

Product AT USE DILUTION

Liquid. > 100°C

Yellow [Light]

citrus 12.4

10. Stability and reactivity

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.

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 : Corrosive to eyes.

Skin: Corrosive to the skin.

Inhalation: Moderately irritating to the respiratory system.

Ingestion: Causes burns to mouth, throat and stomach.

Product AT USE DILUTION

No known significant effects or critical

hazards.

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.

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: Corrosive material

Classification Product AS SOLD

U.S. Federal regulations

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

EPA Registration No. : 6836-73-1677

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

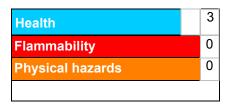
: No listed substance

<u>California Prop. 65</u> : No listed substance

16. Other information

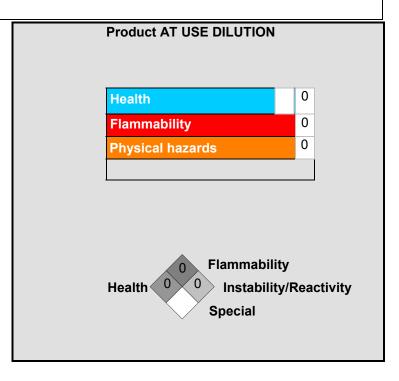
Product AS SOLD

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



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





Product AT USE DILUTION

Not regulated.

Date of issue : 12-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.