Material Safety Data Sheet

EC LAB

OMNIPAK

1. Product and company identification

Trade name of product : OMNIPAK
Product use : Cleaning product

Product dilution information: Up to 1oz/5 gals or 1.6 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division

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

Code : 909937

Date of issue : 19-April-2011

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 : Powder Emergency : DANGER!

overview

CAUSES DIGESTIVE TRACT, EYE AND SKIN

BURNS.

CAUSES RESPIRATORY TRACT IRRITATION.

Do not ingest. Do not get in eyes, on skin or on clothing. Avoid breathing dust. 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: Severely 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
SODIUM CARBONATE	497-19-8	>50
CITRIC ACID	77-92-9	5 - 20
alcohols, c12-16, ethoxylated	68551-12-2	5 - 20
SODIUM METASILICATE	6834-92-0	5 - 20
alcohols, c12-18, ethoxylated propoxylated	69227-21-0	1 - 5
alcohols, c12-14-secondary, ethoxylated	84133-50-6	1 - 5
CALCIUM SILICATE	1344-95-2	1 - 5

OMNIPAK 19 April 2011

3. Composition/information on ingredients

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

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 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 exposed person is not breathing, give artificial respiration or oxygen

applied by trained personnel. Get medical attention.

Ingestion: If material has been swallowed and the exposed

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 metal oxide/oxides

Fire-fighting media and instructions

: Use dry chemical powder.

Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff.

Fine dust clouds may form explosive mixtures with air.

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.

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.

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.

OMNIPAK 19 April 2011

6. Accidental release measures

7. Handling and storage

Product AS SOLD

 Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly

after handling.

Product AS SOLD

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

container. Keep container tightly closed.

Do not store below the following temperature: 0°C

Product AT USE DILUTION

Wash thoroughly after handling.

Keep out of reach of children.

8. Exposure controls/personal protection

Engineering measures

Handling

: 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. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Personal protection

Eyes

 Due to the form and packaging of the product, no protective equipment is needed under normal use

conditions.

Hands : Due to the form and packaging of the product, no

protective equipment is needed under normal use conditions. For prolonged or repeated handling, use

Impervious gloves.

Skin : Due to the form and packaging of the product, no

protective equipment is needed under normal use

conditions.

Respiratory: Due to the form and packaging of the product, no

protective equipment is needed under normal use

conditions.

Product AT USE DILUTION

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

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.

No special protection is required.

Ingredient	Exposure limits
	OSHA PEL (United States, 6/2010). TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust NIOSH REL (United States, 6/2009). TWA: 5 mg/m³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m³ 10 hour(s). Form: Total ACGIH TLV (United States, 2/2010). TWA: 10 mg/m³ 8 hour(s).

9. Physical and chemical properties

Product AS SOLD

Physical state : Powder

Flash point : > 100°C

Product AT USE DILUTION

Liquid.

>100 °C (Open cup)

Product does not support combustion.

Color: OrangeOrange [Light]Odor: Sweetishcitrus [Slight]

OMNIPAK 19 April 2011

Physical and chemical properties 9.

: 11.3 Conc. (% w/w): 1%] Hq 10 to 11

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 Slightly 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.

Toxicological information 11.

Potential acute health effects

Product AS SOLD

: Corrosive to eyes. Eyes

Skin : Corrosive to the skin.

Inhalation : Severely irritating to the respiratory system.

: Causes burns to mouth, throat and stomach. Ingestion

Product AT USE DILUTION

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

Ecological information 12.

Ecotoxicity : Not reported

13. **Disposal considerations**

Product AS SOLD

: Avoid disposal. Attempt to use product completely in Waste disposal

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 Proper shipping name Consumer commodity

Class ORM-D

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

Product AT USE DILUTION

Not intended for transport.

OMNIPAK 19 April 2011

15. Regulatory information

Product AS SOLD

HCS : Corrosive 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

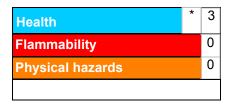
: No listed substance

California Prop. 65 : No listed substance

16. Other information

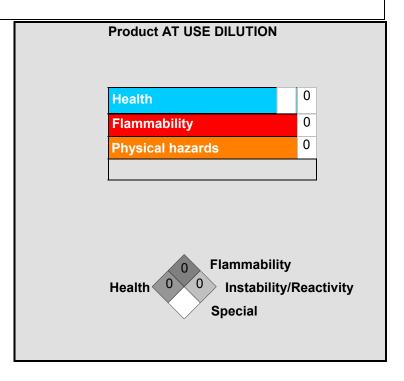
Product AS SOLD

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



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





Product AT USE DILUTION

Not regulated.

Date of issue : 19-April-2011
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.