SAFETY DATA SHEET



ULTRASIL 02

Section 1. Chemical product and company identification

Product name

: ULTRASIL 02

Recommended use and

: Cleaning product

restrictions

Use only for the purpose on the product label.

Product dilution information: Up to 1 oz/8 gal or 1 mL/L in water

Supplier's information

: Ecolab Inc. Food & Beverage Division

370 N. Wabasha Street St. Paul, MN 55102 1-800-392-3392

Code

: 907626

Date of issue

: 25 Jun 2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

Product AS SOLD

GHS Classification

: SERIOUS EYE DAMAGE/ EYE IRRITATION -

Category 2B

GHS label elements

Signal word

: Warning

Hazard statements

: Causes eye irritation.

Precautionary statements

Prevention

: Wash hands thoroughly after handling.

Response

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye

irritation persists: Get medical attention.

Storage

: No other specific measures identified.

Disposal

: See section 13 for waste disposal information.

Other hazards

: None known.

Product AT USE DILUTION

Not classified.

No signal word.

No known significant effects or critical

hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

No other specific measures identified.

See section 13 for waste disposal

information.

None known.

Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

Product AS SOLD

Hazardous ingredients

Concentration Range (%)

CAS number

COCAMINE OXIDE

5 - 20

61788-90-7 68439-57-6

SODIUM C14-16 OLEFIN SULFONATE

1 - 5

ULTRASIL 02

Section 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.

Section 4. First aid measures

Product AS SOLD

Eye contact: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if

irritation persists.

Skin contact

: No known effect after skin contact. Rinse with

water for a few minutes.

been ingested or inhaled.

Inhalation

Ingestion

: No special measures required. Treat

: Get medical attention if symptoms occur.

symptomatically.

Protection of firstaiders : No action shall be taken involving any personal risk or without suitable training. It may be

dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing media

: Use water spray, fog or foam.

Specific hazards arising from the chemical Hazardous thermal decomposition products Specific fire-fighting methods

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

: No specific data.

Special protective equipment for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

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

Section 6. Accidental release measures

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.

Methods for cleaning up

precautions

: Use a water rinse for final clean-up.

Product AT USE DILUTION

Product AT USE DILUTION

with water for a few minutes.

water for a few minutes.

symptomatically.

No known effect after eye contact. Rinse with

No known effect after skin contact. Rinse

Get medical attention if symptoms occur.

No special measures required. Treat

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.

Section 7. Handling and storage

Product AS SOLD

Handling

: Avoid contact with eyes, skin and clothing, Wash

thoroughly after handling.

Storage

: Keep out of reach of children. Keep container tightly closed.

Store between the following temperatures: 40

and 0°C

Product AT USE DILUTION

Wash thoroughly after handling.

Keep out of reach of children.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name **Exposure limits** None.

Appropriate

engineering controls

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

contaminants.

Product AS SOLD

Personal protection

Eye protection

: No protective equipment is needed under normal

use conditions.

Hand protection

: No protective equipment is needed under normal

use conditions.

Skin protection

Hygiene measures

: No protective equipment is needed under normal

use conditions.

Respiratory protection

: A respirator is not needed under normal and

intended conditions of product use.

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.

A respirator is not needed under normal and intended conditions of product use.

before reusing. Section 9. Physical and chemical properties

Product AS SOLD

Physical state

: Liquid.

Color

: Colorless to light yellow [Light]

Odor bН

: Faint odor

: 7 to 9.5 (100%)

Flash point

: > 100°C

Product does not support combustion.

Explosion limits Flammability (solid, Not available.

gas)

: Not available.

Melting point

: Not available.

Boiling point Evaporation rate : >100°C (>212°F)

(butyl acetate = 1)

: Not available.

Vapor pressure

: Not available. : Not available.

Vapor density Relative density

: 0.98 to 1 (Water = 1)

Product AT USE DILUTION

Liquid.

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing

Colorless to light yellow [Light]

Odorless

7 to 8

> 100°C

ULTRASIL 02 25 Jun 2015

Section 9. Physical and chemical properties

Solubility : Easily soluble in the following materials: cold

water and hot water.

Partition coefficien

Partition coefficient: : Not available.

n-octanol/water

Auto-ignition

: Not available.

temperature

Decomposition

: Not available.

temperature

Odor threshold Viscosity : Not available.: Not available.

Section 10. Stability and reactivity

Product AS SOLD

Stability : The product is stable.

Possibility of hazardous reactions

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

Conditions to avoid

: No specific data.

Materials to avoid

: Reactive or incompatible with the following materials: oxidizing materials.

Hazardous decomposition products

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

should not be produced.

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

Product AS SOLD

Symptoms

Eye contact: Adverse symptoms may include the following:

irritation watering redness

Skin contact : No specific data.
Inhalation : No specific data.
Ingestion : No specific data.

Acute toxicity

Eye contact: Causes eye irritation.

Skin contact: No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Product AT USE DILUTION

No specific data.

No specific data. No specific data. No specific data.

No known significant effects or critical

hazards.

Toxicity data

Product/ingredient name

amines, coco alkyldimethyl, n-oxides LD50 Dermal Rat >2174 mg/kg LD50 Oral Rat 846 mg/kg

sulfonic acids, c14-16-alkane hydroxy and LD50 Dermal Rabbit 6300 mg/kg

c14-16-alkene, sodium salts

LD50 Oral Rat 3983 mg/kg

Chronic toxicity

Carcinogenicity: No known significant effects or critical hazards.

Section 11. Toxicological information

Mutagenicity

: No known significant effects or critical hazards.

Teratogenicity

: No known significant effects or critical hazards.

Developmental effects

: No known significant effects or critical hazards.

Fertility effects

: No known significant effects or critical hazards.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity

: This material is harmful to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name

Result

Species

Exposure

amines, coco alkyldimethyl, n-oxides sulfonic acids. c14-16-alkane hydroxy and

Acute LC50 <1 mg/l Acute LC50 4.2 mg/l Fish Fish 96 hours 96 hours

c14-16-alkene, sodium salts

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

Product AS SOLD

Disposal methods: Diluted product can be flushed to sanitary sewer.

Discard empty container in trash.

Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

Section 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.

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.

Section 15. Regulatory information

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

: No listed substance

requirements

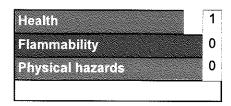
California Prop. 65 :

: No listed substance

Section 16. Other information

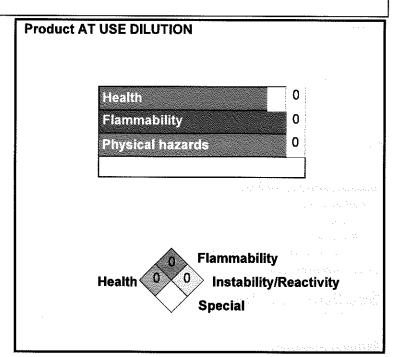
Product AS SOLD

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



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





Date of issue

: 25 Jun 2013

Prepared by

: Regulatory Affairs

1-800-352-5326

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.