**ECOTEMP ULTRA DRY** 

# Section 1. Chemical product and company identification

Product name

: ECOTEMP ULTRA DRY

Recommended use and

: Rinse additive

restrictions

Use only for the purpose on the product label,

Product dilution information

: Up to 311ppm in water

Supplier's information

: Ecolab Inc. Institutional Division 370 N. Wabasha Street

St. Paul, MN 55102 1-800-352-5326

Code

: 913640-01

Date of issue

: 26 Mar 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

AQUATIC TOXICITY (ACUTE) - Category 2

**GHS** label elements

Signal word : Warning

Hazard statements

Causes eye irritation.

Toxic to aquatic life.

Precautionary statements

Prevention

: Avoid release to the environment. 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 eve

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

**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

: 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.

Inhalation : No special measures required. Treat

symptomatically.

: Get medical attention if symptoms occur.

Protection of first-

Notes to physician

: 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.

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

been ingested or inhaled.

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

Eye contact

Ingestion

aiders

Suitable fire extinguishing

Specific hazards arising from the chemical

Hazardous thermal decomposition products

Specific fire-fighting methods

Special protective equipment for fire-fighters

: Use water spray, fog or foam.

: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

: Decomposition products may include the following materials: carbon dioxide

carbon monoxide

: 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

Section 6. Accidental release measures Product AS SOLD

Personal precautions **Environmental** precautions

Methods for cleaning up : 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.

Product AT USE DILUTION

Product AT USE DILUTION

with water for a few minutes.

water for a few minutes.

symptomatically.

No known effect after eve 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 3. Composition/information on ingredients

Substance/mixture **Product AS SOLD** 

: Mixture

Hazardous ingredients

Concentration Range (%)

CAS number

alcohols, c10-16, ethoxylated

5 - 20

68002-97-1

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Vapor pressure

Relative density

Vapor density

: Not available.

: Not available.

: 1.007 to 1.027 (Water = 1)

#### **ECOTEMP ULTRA DRY** 26 Mar 2013 ECOTEMP ULTRA DRY 26 Mar 2013 Section 7. Handling and storage Section 9. Physical and chemical properties Solubility : Easily soluble in the following materials: cold Product AS SOLD Product AT USE DILUTION water and hot water. : Avoid contact with eyes, skin and clothing. Wash Handling Wash thoroughly after handling. Partition coefficient: : Not available. thoroughly after handling. n-octanol/water Storage : Keep out of reach of children. Keep container Keep out of reach of children. Auto-ignition : Not available. tightly closed. emperature Store between the following temperatures: 0 and Decomposition : Not available. temperature Section 8. Exposure controls/personal protection Odor threshold : Not available. Viscosity : Not available. Control parameters Section 10. Stability and reactivity ingredient name **Exposure limits** None. **Product AS SOLD** Stability : The product is stable. Product AS SOLD Product AT USE DILUTION Possibility of hazardous : Under normal conditions of storage and use, hazardous reactions will not occur. **Appropriate** : Good general ventilation should be sufficient to Good general ventilation should be sufficient reactions engineering controls control worker exposure to airborne to control worker exposure to airborne Conditions to avoid : No specific data. contaminants contaminants. Personal protection Materials to avoid : Not available. Eye protection Hazardous decomposition : Under normal conditions of storage and use, hazardous decomposition products : No protective equipment is needed under normal No protective equipment is needed under use conditions. products should not be produced. normal use conditions. Hand protection : No protective equipment is needed under normal No protective equipment is needed under Section 11. Toxicological information use conditions normal use conditions. Skin protection : No protective equipment is needed under normal No protective equipment is needed under Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion use conditions. normal use conditions. Product AS SOLD Product AT USE DILUTION : A respirator is not needed under normal and Respiratory A respirator is not needed under normal and symptoms: protection intended conditions of product use. intended conditions of product use. Eye contact : Adverse symptoms may include the following: No specific data Hygiene measures : 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 watering should be used to remove potentially contaminated clothing. Wash contaminated clothing redness before reusing. Skin contact : No specific data. No specific data. Section 9. Physical and chemical properties Inhalation : No specific data. No specific data Ingestion : No specific data. No specific data **Product AS SOLD Product AT USE DILUTION** Acute toxicity Physical state : Liquid. Liquid. Eye contact : Causes eye irritation. No known significant effects or critical Color : Green [Dark] Clear Odor : Odorless Skin contact Odorless : No known significant effects or critical hazards. No known significant effects or critical : 3.17 (100%) hazards. 7.5 to 8.5 Inhalation Flash point : > 100°C > 100°C : No known significant effects or critical hazards. No known significant effects or critical Product does not support combustion. hazards. Ingestion **Explosion limits** : No known significant effects or critical hazards. No known significant effects or critical : Not available. hazards. Flammability (solid, : Not available. **Toxicity data Melting point** ; Not available. Product/ingredient name **Boiling point** : Not available. alcohols, c10-16, ethoxylated >50 mg/l LC50 Inhalation Rat **Evaporation rate** : Not available. Dusts and mists (butyl acetate = 1) LD50 Dermal Rat >2000 ma/ka

LD50 Oral

Rat >1000 ma/ka

Chronic toxicity

Carcinogenicity : No known significant effects or critical hazards. Mutagenicity : No known significant effects or critical hazards.

### Section 11. Toxicological information

Teratogenicity **Developmental effects**  : No known significant effects or critical hazards.

Fertility effects

: No known significant effects or critical hazards.

: No known significant effects or critical hazards.

## Section 12. Ecological information

Product AS SOLD

**Ecotoxicity** : This material is toxic to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name alcohols, c10-16, ethoxylated

Result Acute EC50 >0.1 mg/l Species Daphnia Exposure 48 hours

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

CAS number

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** 

Form R - Reporting

: No listed substance

requirements

California Prop. 65

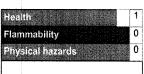
: No listed substance

### Section 16. Other information

#### Product AS SOLD

**Hazardous Material** 

Information System (U.S.A.)



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



: 26 Mar 2013

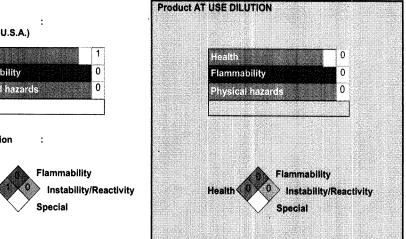
Prepared by : Regulatory Affairs

1-800-352-5326

### Notice to reader

Date of issue

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.



Concentration