# SAFETY DATA SHEET



RINSE DRY

## Section 1. Chemical product and company identification

**Product name** : RINSE DRY Recommended use and

restrictions

: Rinse additive

Use only for the purpose on the product label.

Product dilution information: 0.75mL/rack

Supplier's information : Ecolab Inc. Institutional Division

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

Code : 913590

: 29 Aug 2013 Date of issue

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.

: See section 13 for waste disposal information. Disposal

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** 

**Concentration Range (%) Hazardous ingredients** CAS number

oxirane, methyl-, polymer with oxirane 1 - 5 9003-11-6 alcohols, c10-16, ethoxylated 1 - 5 68002-97-1

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# 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.

Inhalation : No special measures required. Treat

symptomatically.

: Get medical attention if symptoms occur. Ingestion

: 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. aiders

Notes to physician : 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** 

Protection of first-

Suitable fire extinguishing

media

Specific hazards arising

from the chemical

Hazardous thermal

decomposition products

Specific fire-fighting

methods

Special protective

: Use water spray, fog or foam.

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

: 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 equipment for fire-fighters breathing apparatus (SCBA) with a full face-piece operated in positive pressure

mode.

### Section 6. Accidental release measures

### **Product AS SOLD**

**Personal** precautions : Use personal protective equipment as required.

**Environmental** precautions

: Avoid contact of large amounts of spilled material

and runoff with soil and surface waterways.

**Methods for** cleaning up

: 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.

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## Section 7. Handling and storage

**Product AS SOLD** 

Handling : Avoid contact with eyes, skin and clothing. Wash

thoroughly after handling.

: Keep out of reach of children. Keep container Storage

tightly closed.

Store between the following temperatures: 0 and

#### **Product AT USE DILUTION**

Wash thoroughly after handling.

Keep out of reach of children.

**Product AT USE DILUTION** 

contaminants.

normal use conditions.

normal use conditions.

normal use conditions.

Good general ventilation should be sufficient

to control worker exposure to airborne

No protective equipment is needed under

No protective equipment is needed under

No protective equipment is needed under

A respirator is not needed under normal and

## Section 8. Exposure controls/personal protection

### **Control parameters**

Ingredient name	Exposure limits
None.	

#### **Product AS SOLD**

**Appropriate** engineering controls Good general ventilation should be sufficient to control worker exposure to airborne

contaminants.

Personal protection

Eye protection : No protective equipment is needed under normal

use conditions.

: No protective equipment is needed under normal Hand protection

use conditions.

Skin protection : No protective equipment is needed under normal

use conditions.

Respiratory protection

: A respirator is not needed under normal and

Hygiene measures

intended conditions of product use. intended conditions of product use.

: 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

before reusing.

## Section 9. Physical and chemical properties

### **Product AS SOLD**

Physical state : Liquid.

Color : Green [Light] Odor : Faint odor : 2.701 (100%) На : > 100°C Flash point **Explosion limits** : Not available. : Not available.

Flammability (solid,

gas)

**Melting point** : Not available. **Boiling point** : Not available. **Evaporation rate** : Not available.

(butyl acetate = 1)

Vapor pressure : Not available. Vapor density : Not available. Relative density : 1.0153 (Water = 1) Solubility : Not available.

### **Product AT USE DILUTION**

Liquid. Clear Odorless 8.5 > 100°C

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### Section 9. Physical and chemical properties

Partition coefficient: : Not available.

n-octanol/water

**Auto-ignition** : Not available.

temperature

Decomposition : Not available.

temperature

Odor threshold : Not available. Viscosity : 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 : Not available.

**Hazardous decomposition** products

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

should not be produced.

## **Section 11. Toxicological information**

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

**Product AS SOLD** 

**Symptoms** 

Eye contact : Adverse symptoms may include the following:

> irritation watering redness

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

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

alcohols, c10-16, ethoxylated

oxirane, methyl-, polymer with oxirane LC50 Inhalation Rat 0.147 mg/l

**Dusts and mists** 

LD50 Dermal Rabbit >2000 mg/kg LD50 Oral >2000 mg/kg Rat LC50 Inhalation Rat >50 mg/l

**Dusts and mists** 

LD50 Dermal Rat >2000 mg/kg LD50 Oral >1000 mg/kg Rat

**Chronic toxicity** 

Carcinogenicity : No known significant effects or critical hazards. RINSE DRY 29 Aug 2013

### 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 toxic to aquatic life.

**Aquatic and terrestrial toxicity** 

Product/ingredient nameResultSpeciesExposureoxirane, methyl-, polymer with oxirane<br/>alcohols, c10-16, ethoxylatedAcute LC50 >100 mg/l<br/>Acute EC50 >0.1 mg/lFish<br/>Daphnia96 hours<br/>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**

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

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

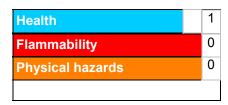
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### Section 16. Other information

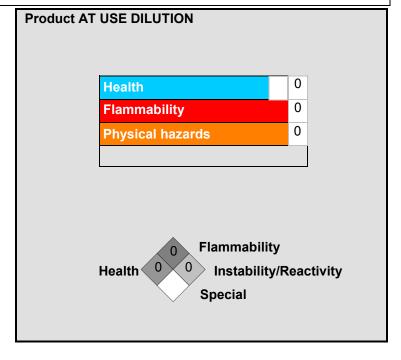
**Product AS SOLD** 

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



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





Date of issue : 29 Aug 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.