# **Material Safety Data Sheet**

**EC** LAB

**KEYSTONE GREASELIFT RTU** 

# 1. Product and company identification

Trade name of product : KEYSTONE GREASELIFT RTU

**Product use** : Degreaser

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Institutional Division

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

**Code** : 915136 **Date of issue** : **27-April-2012** 

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 : Liquid.
Emergency : CAUTION!

overview

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes. Wash thoroughly after

handling.

Potential acute health effects

**Product AS SOLD** 

**Eyes** : Slightly irritating to the eyes.

Skin: No known significant effects or critical hazards.Inhalation: No known significant effects or critical hazards.Ingestion: No known significant effects or critical hazards.

See toxicological information (Section 11)

**Product AT USE DILUTION** 

Product is sold ready to use.

**Product AT USE DILUTION**Product is sold ready to use.

# 3. Composition/information on ingredients

**Product AS SOLD** 

NameCAS number% by weightBENZYL ALCOHOL100-51-65 - 20

ETHANOLAMINE 141-43-5 1 - 5

**Product AT USE DILUTION** 

Name CAS number % by weight

Product is sold ready to use.

# 4. First aid measures

**Product AS SOLD** 

**Eye contact** : Rinse with water for a few minutes.

**Skin contact**: No known effect after skin contact. Rinse with water

for a few minutes.

**Inhalation**: No special measures required. Treat symptomatically.

**Ingestion**: Get medical attention if symptoms occur.

**Product AT USE DILUTION** 

Product is sold ready to use.

### 5. Fire-fighting measures

**Product AS SOLD** 

Hazardous thermal decomposition products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides sulfur 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

: Use personal protective equipment as required.

: Avoid contact of large amounts of spilled material and

Environmental precautions Methods for

cleaning up

runoff with soil and surface waterways.

: Use a water rinse for final clean-up.

**Product AT USE DILUTION**Product is sold ready to use.

### 7. Handling and storage

**Product AS SOLD** 

**Handling**: Avoid contact with eyes. Wash thoroughly after

handling.

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

container.

Do not store above the following temperature: 50°C

### Product AT USE DILUTION

Product is sold ready to use.

# 8. Exposure controls/personal protection

**Product AS SOLD** 

Engineering measures

Good general ventilation should be sufficient to control

worker exposure to airborne contaminants.

Personal protection

Eyes : No protective equipment is needed under normal use

conditions.

**Hands** : No protective equipment is needed under normal use

conditions.

**Skin**: No protective equipment is needed under normal use

conditions.

**Respiratory**: No special protection is required.

### **Product AT USE DILUTION**

Product is sold ready to use.

Product is sold ready to use.

Ingredient	Exposure limits	
ETHANOLAMINE	ACGIH TLV (United States, 2/2010).  STEL: 15 mg/m³ 15 minute(s).  STEL: 6 ppm 15 minute(s).  TWA: 7.5 mg/m³ 8 hour(s).  TWA: 3 ppm 8 hour(s).  OSHA PEL (United States, 6/2010).  TWA: 6 mg/m³ 8 hour(s).  TWA: 3 ppm 8 hour(s).	

#### **Exposure controls/personal protection** 8.

NIOSH REL (United States, 6/2009).

TWA: 3 ppm 10 hour(s). TWA: 8 mg/m<sup>3</sup> 10 hour(s). STEL: 6 ppm 15 minute(s). STEL: 15 mg/m<sup>3</sup> 15 minute(s).

#### 9. Physical and chemical properties

**Product AS SOLD** 

Physical state : Liquid. Flash point : > 100°C Color : Orange Odor : Odorless

: 10.5 to 10.9 [Conc. (% w/w): 100%] Hq

Boiling/condensation :  $>100^{\circ}C$  ( $>212^{\circ}F$ )

point

Relative density: 1.007 to 1.015

: Easily soluble in the following materials: cold water. Solubility

Soluble in the following materials: hot water.

#### Stability and reactivity 10.

**Product AS SOLD** 

**Stability** 

: The product is stable. Under normal conditions of storage and use, hazardous

polymerization will not occur.

Reactivity

Hazardous decomposition

products

Slightly reactive or incompatible with the following materials: metals and acids. 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** 

: Slightly irritating to the eyes. Eyes

Skin : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Ingestion : 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: kidneys, the

nervous system, liver, gastrointestinal tract, upper respiratory tract, central nervous

system (CNS), testes.

# **Ecological information**

**Ecotoxicity** : Not reported

### Product AT USE DILUTION

Product is sold ready to use.

**Product AT USE DILUTION** 

Product is sold ready to use.

## 13. Disposal considerations

**Product AS SOLD** 

Waste disposal : Diluted product can be flushed to sanitary sewer.

Discard empty container in trash.

Product AT USE DILUTION

Product is sold ready to use.

**Product AT USE DILUTION** 

Product is sold ready to use.

### 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 Classification

Not regulated.

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

### 15. Regulatory information

**Product AS SOLD** 

**HCS**: Target organ effects

Classification
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

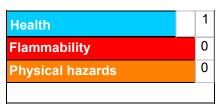
: No listed substance

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

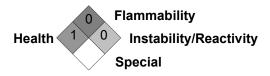
### 16. Other information

**Product AS SOLD** 

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



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



Date of issue : 27-April-2012

### 16. Other information

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.