# SAFETY DATA SHEET



QC 34 HIGH PERFORMANCE ULTRA CONCENTRATED NEUTRAL FLOOR CLEANER

## Section 1. Chemical product and company identification

: QC 34 HIGH PERFORMANCE ULTRA CONCENTRATED NEUTRAL FLOOR Product name

**CLEANER** 

Recommended use and

restrictions

: Floor Cleaner

Use only for the purpose on the product label.

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

Supplier's information : Ecolab Inc. Institutional Division

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

Code : 914995-03 Date of issue : 11 Oct 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.

: IF IN EYES: Rinse cautiously with water for Response

several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

: No other specific measures identified.

Storage

: 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** 

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

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# Section 3. Composition/information on ingredients

oxirane, methyl-, polymer with oxirane 9003-11-6 SODIUM XYLENE SULFONATE 5 - 20 1300-72-7 poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-1 - 5 160875-66-1 <1.0 Fragrance Mixture

### **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.

Ingestion : Get medical attention if symptoms occur.

: 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 Notes to physician

been ingested or inhaled.

See toxicological information (section 11)

# Section 5. Fire-fighting measures

**Product AS SOLD** 

Protection of first-

Suitable fire extinguishing

media

aiders

: Use water spray, fog or foam.

Specific hazards arising

from the chemical Hazardous thermal

decomposition products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide sulfur oxides

metal oxide/oxides

Specific fire-fighting

methods

: 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

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

suitable training.

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.

## 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.

# Section 7. Handling and storage

**Product AS SOLD** 

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

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.

## 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

Hygiene measures

: A respirator is not needed under normal and

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 : Orange Odor : Sweetish

: 6.5 to 9.3 (100%) На

**Explosion limits** Flammability (solid,

Flash point

: Not available.

: > 100°C

gas)

: Not available.

: Not available.

**Melting point Boiling point** Evaporation rate (butyl acetate = 1)

: >100°C (>212°F) : Not available.

Vapor pressure : Not available. Vapor density : Not available.

Relative density : 1.032 to 1.052 (Water = 1)

Solubility : Easily soluble in the following materials: cold

water and hot water.

## **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.

## **Product AT USE DILUTION**

Liquid. Orange Sweetish 7 to 8 > 100°C

## 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 : Dynamic (room temperature): 13 mPa·s (13 cP)

# Section 10. Stability and reactivity

**Product AS SOLD** 

Stability : The product is stable.

Possibility of hazardous

reactions

products

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

Conditions to avoid : No specific data. : Not available. Materials to avoid

Hazardous decomposition

: 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.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

No known significant effects or critical hazards.

## **Toxicity data**

### Product/ingredient name

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

**Dusts and mists** 

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

Benzenesulfonic acid, dimethyl-, sodium salt LC50 Inhalation

**Dusts and mists** 

Rat >6.2 mg/l

LD50 Dermal Rabbit >2000 mg/kg LD50 Oral Rat >7000 mg/kg LD50 Oral Rat >2000 mg/kg

poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-

w-hydroxy-

(1:1)

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## Section 11. Toxicological information

LD50 Dermal Rabbit 3674.96 mg/kg LD50 Oral Rat 2791.75 mg/kg

**Chronic toxicity** 

Carcinogenicity : No known significant effects or critical hazards.

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.

So 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 nameResultSpeciesExposureoxirane, methyl-, polymer with oxiraneAcute LC50 > 100 mg/lFish96 hoursBenzenesulfonic acid, dimethyl-, sodium salt (1: Acute EC50 230 mg/lAquatic plants96 hours

poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w- Acute EC50 10 mg/l Daphnia 48 hours

hydroxy-

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.

<u>DOT</u>

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

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## **Section 15. Regulatory information**

Form R - Reporting

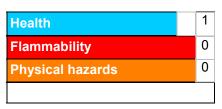
No listed substance

requirements

California Prop. 65 : No listed substance

## Section 16. Other information

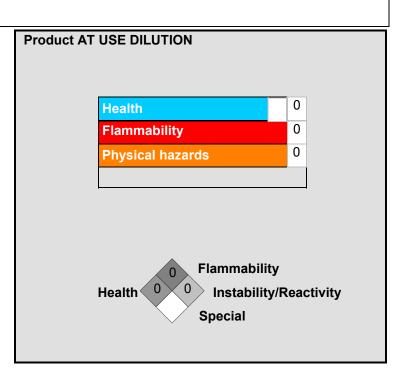
**Product AS SOLD Hazardous Material** Information System (U.S.A.)



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



: 11 Oct 2013 : Regulatory Affairs 1-800-352-5326



### **Notice to reader**

Date of issue

Prepared by

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.



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