

#1540

EC06100082
ECOLAB

SAFETY DATA SHEET

QC 34 HIGH PERFORMANCE ULTRA CONCENTRATED NEUTRAL FLOOR CLEANER

Section 1. Chemical product and company identification

Product name : QC 34 HIGH PERFORMANCE ULTRA CONCENTRATED NEUTRAL FLOOR 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

GHS Classification : **Product AS SOLD**
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
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Section 3. Composition/information on ingredients

oxirane, methyl-, polymer with oxirane	5 - 20	9003-11-6
SODIUM XYLENE SULFONATE	5 - 20	1300-72-7
poly(oxy-1,2-ethanediy), a-(2-propylheptyl)-w-hydroxy-	1 - 5	160875-66-1
Fragrance	<1.0	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	Product AT USE DILUTION
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.	No known effect after eye contact. Rinse with water for a few minutes.
Skin contact	: No known effect after skin contact. Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
Inhalation	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
Ingestion	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.
Protection of first-aiders	: 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 been ingested or inhaled.	

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	: In a fire or if heated, a pressure increase will occur and the container may burst.
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 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	Product AT USE DILUTION
Personal precautions	: Use personal protective equipment as required.	Use personal protective equipment as required.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	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.	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: 0 and 50°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.	

Product AS SOLD

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Product AT USE DILUTION

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 use conditions.

Hand protection : No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

Skin protection : No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

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

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

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 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

pH : 6.5 to 9.3 (100%)

Flash point : > 100°C

Explosion limits : Not available.

Flammability (solid, gas) : Not available.

Melting point : Not available.

Boiling point : >100°C (>212°F)

Evaporation rate (butyl acetate = 1) : 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

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 : Under normal conditions of storage and use, hazardous reactions will not occur.
 reactions
 Conditions to avoid : No specific data.
 Materials to avoid : Not available.
 Hazardous decomposition : Under normal conditions of storage and use, hazardous decomposition products
 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
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	LD50 Oral	Rat	>2000 mg/kg
	LC50 Inhalation	Rat	>6.2 mg/l
	Dusts and mists		
poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	>7000 mg/kg
	LD50 Oral	Rat	>2000 mg/kg

Section 15. Regulatory information

Form R - Reporting requirements : No listed substance

California Prop. 65 : No listed substance

Section 16. Other information

Product AS SOLD

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

Health	1
Flammability	0
Physical hazards	0

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



Product AT USE DILUTION

Health	0
Flammability	0
Physical hazards	0

Health 0, Flammability 0, Instability/Reactivity 0, Special 0

Date of issue : 11 Oct 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.