

#1378

ECO61166881

SAFETY DATA SHEET



QC 71 ODOR COUNTERACTANT

Section 1. Chemical product and company identification

Product name : QC 71 ODOR COUNTERACTANT
 Recommended use and restrictions : Air Freshener
 Use only for the purpose on the product label.

Product dilution information : Up to 4 oz/gal (1:32) or 31.25 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division
 370 N. Wabasha Street
 St. Paul, MN 55102
 1-800-352-5326
 Code : 910290
 Date of issue : 08 Aug 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 1
 SKIN SENSITIZATION - Category 1
 TOXIC TO REPRODUCTION: ORAL [Fertility] - Category 2

GHS label elements

Signal word : Danger
 Symbol :

Hazard statements : Causes serious eye damage.
 May cause an allergic skin reaction.
 Suspected of damaging fertility if swallowed.

Precautionary statements

Prevention : Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.
 Response : IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

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.

Section 2. Hazards identification

Storage : No other specific measures identified.
Disposal : See section 13 for waste disposal information.
Other hazards : None known.

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
alcohols, c12-16, ethoxylated	5 - 20	68551-12-2
1-octanesulfonic acid, sodium salt	1 - 5	5324-84-5
Proprietary	5 - 20	NJ 0129102900204

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 immediately.	No known effect after eye contact. Rinse with water for a few minutes.
Skin contact	: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.	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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.	
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 :

Section 5. Fire-fighting measures

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

Personal precautions : **Product AS SOLD**
 : Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.

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
 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

Handling : **Product AS SOLD**
 : Do not get in eyes or on skin or 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.	

Appropriate engineering controls : **Product AS SOLD**
 : No special ventilation requirements.

Personal protection

Eye protection : Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Hand protection : Use chemical-resistant, impervious gloves.

Skin protection : Use suitable protective equipment.

Respiratory protection : No special protection is required.

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.

Product AT USE DILUTION
 No special ventilation requirements.

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.

No special protection is required.

Section 9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.
 Color : fluorescent
 Odor : citrus
 pH : 7 to 8,5 (100%)
 Flash point : > 100°C
 Product does not support combustion.

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 : 1.01 (Water = 1)
 Solubility : Easily soluble in the following materials: cold water and hot water.
 Partition coefficient: n-octanol/water : Not available.
 Auto-ignition temperature : Not available.
 Decomposition temperature : Not available.
 Odor threshold : Not available.
 Viscosity : Not available.

Product AT USE DILUTION

Liquid.
 Yellow [Light]
 Fragrance-like
 6.5 to 7
 > 100°C

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

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

Symptoms

Product AS SOLD

Eye contact : Adverse symptoms may include the following:
 pain
 watering
 redness

Skin contact : Adverse symptoms may include the following:
 irritation
 redness

Product AT USE DILUTION

No specific data.
 No specific data.

Section 11. Toxicological information

Inhalation : No specific data.
 Ingestion : No specific data.
Acute toxicity
 Eye contact : Causes serious eye damage.
 Skin contact : May cause an allergic skin reaction.
 Inhalation : No known significant effects or critical hazards.
 Ingestion : No known significant effects or critical hazards.

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

alcohols, c12-16, ethoxylated	LD50 Dermal	Rabbit	>2000 mg/kg
1-octanesulfonic acid, sodium salt	LD50 Oral	Rat	>5000 mg/kg
Proprietary	LC50 Inhalation	Rat	>5 mg/l
	Dusts and mists		

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 : Suspected of damaging fertility if swallowed.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity : This material is harmful to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
alcohols, c12-16, ethoxylated	Acute LC50 1.5 mg/l	Fish	96 hours
1-octanesulfonic acid, sodium salt	Acute EC50 3200 mg/l	Daphnia	48 hours

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Product AS SOLD
 Disposal methods : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

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 : UN3082

Section 14. Transport information

IMO/IMDG Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(ALCOHOL C13-15 POLY (1-6) ETHOXYLATE). Marine pollutant
Class 9
Packing group III

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 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	3
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

Date of issue : 08 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.