

Material Safety Data Sheet

QC 98 NA BATH CLEANER



1. Product and company identification

Trade name of product : QC 98 NA BATH CLEANER

Product use : Cleaning product

Product dilution information : Up to 7.5 oz/gal or 59 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326

Code : 903547

Date of issue : 12-July-2011

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 overview : WARNING !
CAUSES EYE IRRITATION.
Avoid contact with eyes. Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD
Eyes : Irritating to eyes.
Skin : Slightly irritating to the skin.
Inhalation : Slightly irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Product AT USE DILUTION

Liquid.
CAUTION !
No specific hazard.
No specific hazard.

Product AT USE DILUTION

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.

3. Composition/information on ingredients

Product AS SOLD

| <u>Name</u> | <u>CAS number</u> | <u>% by weight</u> |
|--|-------------------|--------------------|
| dipropylene glycol methyl ether | 34590-94-8 | 5 - 20 |
| glycine, n,n'-1,2-ethanediybis[n-(carboxymethyl)-, tetrapotassium salt | 5964-35-2 | 1 - 5 |
| alcohols, c10-14, ethoxylated | 66455-15-0 | 1 - 5 |
| alcohols, c12-16, ethoxylated | 68551-12-2 | 1 - 5 |
| SODIUM XYLENE SULFONATE | 1300-72-7 | 1 - 5 |
| 2-propanol, 1-(1-methyl-2-propoxyethoxy)- | 29911-27-1 | 1 - 5 |

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.

4. First aid measures

| | Product AS SOLD | Product AT USE DILUTION |
|---------------------|---|---|
| Eye contact | : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists. | No known effect after eye contact. Rinse with water for a few minutes. |
| 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. |

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
 metal oxide/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 | 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. |

7. Handling and storage

| | Product AS SOLD | Product AT USE DILUTION |
|-----------------|---|---------------------------------|
| Handling | : Avoid contact with eyes. Wash thoroughly after handling. | Wash thoroughly after handling. |
| Storage | : Keep out of reach of children. Store in a closed container. Store between the following temperatures: 0 and 50°C | Keep out of reach of children. |

8. Exposure controls/personal protection

8. Exposure controls/personal protection

| Product AS SOLD | | Product AT USE DILUTION |
|-----------------------------|--|--|
| Engineering measures | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. | Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
| Personal protection | | |
| Eyes | : Eye protection should be used when splashing may occur. | No protective equipment is needed under normal use conditions. |
| Hands | : No protective equipment is needed under normal use conditions. | No protective equipment is needed under normal use conditions. |
| Skin | : No protective equipment is needed under normal use conditions. | No protective equipment is needed under normal use conditions. |
| Respiratory | : No special protection is required. | No special protection is required. |

| Ingredient | Exposure limits |
|---------------------------------|---|
| dipropylene glycol methyl ether | ACGIH TLV (United States, 2/2010). Absorbed through skin. STEL: 909 mg/m ³ 15 minute(s). STEL: 150 ppm 15 minute(s). TWA: 606 mg/m ³ 8 hour(s). TWA: 100 ppm 8 hour(s). OSHA PEL (United States, 6/2010). Absorbed through skin. TWA: 600 mg/m ³ 8 hour(s). TWA: 100 ppm 8 hour(s). |

9. Physical and chemical properties

| Product AS SOLD | | Product AT USE DILUTION |
|-----------------------------------|--|-------------------------|
| Physical state | : Liquid. | Liquid. |
| Flash point | : > 100°C | > 100°C |
| Color | : Blue | Blue [Light] |
| Odor | : Floral | Floral |
| pH | : 7.8 [Conc. (% w/w): 100%] | 7 to 7.5 |
| Boiling/condensation point | : >100°C (>212°F) | |
| Relative density | : 1.075 | |
| Solubility | : Easily soluble in the following materials: cold water and hot water. | |

10. Stability and reactivity

| Product AS SOLD | |
|---|---|
| Stability | : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur. |
| Reactivity | : Reactive or incompatible with the following materials: oxidizing materials. Slightly reactive or incompatible with the following materials: acids. |
| Hazardous decomposition products | : 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. |

11. Toxicological information

Potential acute health effects

Product AS SOLD
Eyes : Irritating to eyes.
Skin : Slightly irritating to the skin.
Inhalation : Slightly irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.

Product AT USE DILUTION

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.

Product AS SOLD

Other adverse effects

Target organs : Contains material which may cause damage to the following organs: upper respiratory tract, central nervous system (CNS).

12. Ecological information

Ecotoxicity : Not reported

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

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

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.

Product AT USE DILUTION

Not intended for transport.

15. Regulatory information

Product AS SOLD
HCS Classification : Irritating material
 Target organ effects

Product AT USE DILUTION

Not regulated.

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

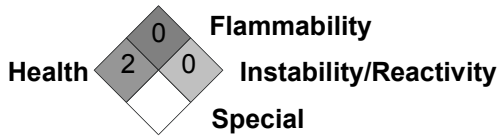
16. Other information

Product AS SOLD

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

| | | |
|------------------|---|---|
| Health | * | 2 |
| Flammability | | 0 |
| Physical hazards | | 0 |
| | | |

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



Product AT USE DILUTION

| | | |
|------------------|--|---|
| Health | | 0 |
| Flammability | | 0 |
| Physical hazards | | 0 |
| | | |



Date of issue : 12-July-2011
Responsible name : Regulatory Affairs
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.**