

QUIK FILL 910

4 August 2011

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7. Handling and storage

Product AS SOLD

Handling

Do not ingest. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Do not mix with bleach or other chlorinated products - will cause chlorine gas.

Storage

Keep out of reach of children. Store in a closed container. Keep container tightly closed. Do not store below the following temperature: 0°C

8. Exposure controls/personal protection

Product AS SOLD

Engineering measures

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Personal protection

Eyes

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

Hands

Use chemical-resistant, impervious gloves.

Skin

Use synthetic apron, other protective equipment as necessary to prevent skin contact.

Respiratory

Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.

10. Stability and reactivity

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

Corrosive to eyes.

Skin

Corrosive to the skin.

Inhalation

Severely irritating to the respiratory system.

Ingestion

Causes burns to mouth, throat and stomach.

Product AS SOLD

Other adverse effects

Contains material which may cause damage to the following organs: blood, kidneys, liver.

Product AT USE DILUTION

Moderately irritating to eyes.

Moderately irritating to the skin.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity

Not reported

13. Disposal considerations

Product AS SOLD

Waste disposal

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.

RCRA classification

Unused product is D002 (Corrosive)

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

UN3265

DOT Proper shipping name

Corrosive liquid, acidic, organic, n.o.s. (methanesulphonic acid)

Class

8

Packing group

III

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

HCS

Classification

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory

Product AS SOLD

Corrosive material

Target organ effects

All components are listed or exempted.

9. Physical and chemical properties

Product AS SOLD

Physical state

Liquid.

Flash point

> 100°C

Color

Green

Odor

Sweetish

pH

0.04 to 0.54 [Conc. (% w/w): 100%]

Relative density

1.053 to 1.073

Product AT USE DILUTION

Liquid.

> 100°C

Product does not support combustion

Green [Light]

Sweetish

2 to 4 [Conc. (% w/w): 100%]

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

Highly reactive or incompatible with the following materials: alkalis. Reactive or incompatible with the following materials: metals. Incompatible with chlorinated solvents. Do not mix with bleach or other chlorinated products - will cause chlorine gas.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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15. Regulatory information

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

Form R - Reporting : 2-(2-butoxyethoxy)ethanol

requirements

California Prop. 65

: No listed substance

CAS number

112-34-5

Concentration

12.415

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	1
Flammability	0
Physical hazards	0



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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.