

MATERIAL SAFETY DATA SHEET

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Date Revised: 03/30/2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: **QUATROSAN**

General or Generic ID: PROPRIETARY MIXTURE

Product use: DETERTGENT / DISINFECTANT

Prepared By: Safety Department

Emergency Telephone: (613) 992-4624

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	TLV	CAS Number	% (by weight)
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-14) Ethanol N-Alkyl (C12-18) -N, N-Dimethyl-N-Benzyl Ammonium Chloride	N/A	64-17-5	12.5 – 15.0
Tetrasodium Ethylenediamine Tetraacetate Aqueous Solution	N/A	1310-73-2	2.0 – 5.0

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Eye

This product is corrosive and can cause eye damage.

Skin

Can cause skin irritation and or damage.

Swallowing

Harmful if swallowed. Avoid contamination of food.

Inhalation

Prolonged inhalation of vapours causes nausea.

4. FIRST AID MEASURES

Eyes

If material gets into the eyes, immediately flush eyes with large amounts of water for at least 15 minutes while occasionally lifting lids. Get immediate medical attention.

Skin

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing. Wash clothing with soap before re-use.

Inhalation

Remove individual away from exposure and into fresh air.

Ingestion

If swallowed, drink large quantities of water. Avoid alcohol. Call you local Poison Control Centre if symptoms persist.

5. FIRE FIGHTING MEASURES

Flash Point

No Data

Explosive Limit

No Data

Auto Ignition Temperature

No Data

Hazardous Products of Combustion

No Data

Fire and Explosive Hazards

No Data

Extinguishing Media

No Data

Fire Fighting Instructions

Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Cleanup and Disposal of Spills:

Recover free liquid, soak up residue with solid absorbant. Contact the regional office of Conservation and Protection Environment Canada.

7. HANDLING AND STORAGE

This product is toxic to fish. Keep out of lakes, streams, or ponds. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning. Use caution when handling any chemical substance and protect against physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection

Chemical splash goggles and face shield (8" min.) in compliance with OSHA regulations also permit other types of safety glasses. (Consult your industrial hygienist).

Skin Protection

Wear impervious gloves (consult your safety equipment supplier). To prevent skin contact, wear impervious clothing and boots.

Respiratory Protection

Sufficient ventilation to maintain the TLV requirements. Ventilation system must be designed vapour and explosion proof for handling solvent vapours.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

212° F

Freezing Point
32° F
Vapour Pressure
N/A
Vapour Density
N/A
Specific Vapour Density
N/A
Specific Gravity
1.01
Evaporation Rate
No Data
Solubility in Water
Complete
Appearance
Clear solution
State
Liquid
Physical Form
Homogeneous Solution
Colour
Clear
Odour
Bland
pH
10.5

10. STABILITY AND REACTIVITY

Hazardous Polymerization
Product will not undergo hazardous polymerization.
Hazardous Decomposition
Smoke and fumes.
Chemical Stability
Stable at normal temperatures and pressures.
Incompatibility
Oxidizing Agent

11. TOXICOLOGICAL INFORMATION

This material is a potential skin and eye irritant. Exact data is not available.

12. ECOLOGICAL INFORMATION

No Data

13. DISPOSAL CONSIDERATION

Waste Management Information
Dispose of in accordance with Local, Provincial and Federal Regulations.

14. REGULATORY INFORMATION

Not Available

15. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.