

# MATERIAL SAFETY DATA SHEET

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Date Revised: 05/24/2006

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: **QUATROCIDE**

General or Generic ID: PROPRIETARY MIXTURE

Product Use: DETERGENT / 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/A	64-17-5	9.0 – 15.0
N-Alkyl (C12-18) –N, N-Dimethyl-N-Benzyl Ammonium Chloride			
Alcohol Ethoxylate	N/A	68131-39-5	7.0 – 10.0
Tetrasodium Ethylenediamine Tetraacetate Aqueous Solution	N/A	001310-73-2	5.0 – 10.0

## 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 blue solution  
State  
Liquid  
Physical Form  
Homogeneous Solution  
Colour  
Clear Blue  
Odour  
Bland  
pH  
11 – 13

**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.**