

# Material Safety Data Sheet

## I. PRODUCT IDENTITY

### PRECISE® QTB HOSPITAL CLEANER DISINFECTANT

Item Number

23008 ..... 8 oz Pump Spray Bottle  
23032 ..... 32 oz Trigger Spray Bottle  
23128 ..... 128 oz Refill Bottle

Manufactured for: Caltech Industries, Inc.  
4520 E. Ashman Road, Midland, MI 48642-8911

## II. KEY COMPONENTS

Component	CAS#	Percent
Diethylene glycol monobutyl ether	112-34-5	5 - 10
Tetra sodium ethylenediamine tetra acetic acid (Na <sub>4</sub> EDTA)	64-02-08	1 - 5

## III. PHYSICAL DATA

Boiling Point ..... > 100°C  
Appearance ..... Clear liquid  
Solubility in Water ..... Soluble  
Specific Gravity ..... 1.007 g/ml  
pH ..... 11.7  
Odor ..... Mild

## IV. FIRE & EXPLOSION HAZARD DATA

NFPA Hazard Rating: ..... 1  
Flash Point ..... 93.9°C  
Extinguishing Media: Use appropriate methods for combating the surrounding fire.  
Special Fire Fighting Equipment & Hazards: Fire fighters should wear full protective clothing including self contained breathing apparatus.

## V. REACTIVITY DATA

NFPA Hazard Rating: 0  
Stability (Conditions to Avoid): Stable under normal conditions. Avoid strong oxidizing agents.  
Incompatibility (Specific Materials to Avoid): Strong acids, alkalies, and oxidizing agents.  
Hazardous Decomposition Products: Upon decomposition this product yields oxides of nitrogen and ammonia.  
Hazardous Polymerization: Will not occur.

## VI. SPECIFIC HAZARDS

NFPA Hazard Rating: No NFPA Specific Hazard warnings are required for this product.

## VII. HEALTH HAZARD DATA

NFPA Hazard Rating: 1  
Eye: Causes moderate eye irritation.  
Skin Contact: Normal exposure (contact) is not likely to cause significant skin irritation.  
Ingestion: Harmful if swallowed. Ingestion may cause transient irritation of throat, stomach, and gastrointestinal tract. Ingestion may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.  
Inhalation: Inhalation of vapors or mist of the product may be irritating to the respiratory system.  
Carcinogenicity: Not listed as carcinogen by NTP, OSHA or IARC.

## VIII. FIRST AID

**Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.  
**Skin:** Wash thoroughly with soap and water after handling.  
**Ingestion:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.  
**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a Poison Control Center or doctor for further treatment advice.

## IX. SPECIAL HANDLING INFORMATION

**Ventilation:** Use with adequate ventilation.  
**Respiratory Protection:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.  
**Protective Clothing:** Use impervious gloves. Wear suitable protective clothing.  
**Eye Protection:** Use safety glasses or equivalent protection to avoid eye contact.

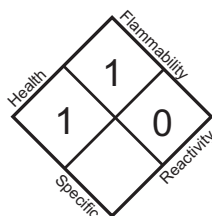
## X. SPILL, LEAK & DISPOSAL PROCEDURES

**Action to take for spills/leaks:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Keep out of low areas. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Wear appropriate protective equipment during cleanup. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a national Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.  
**Disposal Method:** Landfill in accordance with local, state, and federal regulations.

## XI. SPECIAL PRECAUTIONS & ADDITIONAL INFORMATION

**Precautions to be taken in handling and storage:** Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. Store in a dry, well-ventilated area.

**Emergency Phone 989.496.3110**



0 = NONE  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH  
4 = EXTREME



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NFPA

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