

# Material Safety Data Sheet

## I. PRODUCT IDENTITY

### PRECISE® HOSPITAL FOAM CLEANER DISINFECTANT

Item Number

40510 ..... 6 oz Spray Can  
40513 ..... 20 oz Spray Can

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

## II. KEY COMPONENTS

Component	CAS#	Percent
Methanol*	67-56-1	<3.0
o-Phenylphenol	90-43-7	<1.0

\*Exposure Limits - OSHA PEL 200 ppm and ACGIH TLV 200 ppm

## III. PHYSICAL DATA

**Boiling Point** ..... Approximately 64°C  
**Vapor Pressure** ..... 19.0 mmHg at 20°C  
**Vapor Density** ..... (air=1): Not applicable  
**Appearance** ..... White foam which yields pale yellow liquid upon foam break  
**Solubility in Water** ..... Soluble  
**Specific Gravity** ..... 1.010-1.020 (25°/25°C)  
**pH** ..... 10.1-10.3  
**Odor** ..... Floral

## IV. FIRE & EXPLOSION HAZARD DATA

**NFPA Hazard Rating:** ..... 2  
**Flash Point** ..... 155°F TCC for concentrate  
**Flame Extension** ..... No flame extension on CSMA test  
**Flammable Limits** ..... LFL - No ignition on CSMA closed drum test. UFL - No ignition on CSMA closed drum test.  
**Extinguishing Media** ..... Water fog, carbon dioxide, and dry chemical

**Special Fire Fighting Equipment & Hazards:** Isobutane only flammable portion. If flame is introduced immediately after foam is sprayed, foam will burn for 1 to 2 seconds. If flame is not present immediately, isobutane dissipates and no burning occurs.

## V. REACTIVITY DATA

**NFPA Hazard Rating:** 0  
**Stability:** Stable  
**Incompatibility** (*Specific Materials to Avoid*): Acid. Material is basic and will neutralize in acid.  
**Hazardous Decomposition Products:** None known.  
**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:** 0  
**Eye:** May cause slight conjunctival irritation, iritis and transient corneal injury.  
**Skin Contact:** Essentially non-irritating.

**Ingestion:** Low ingestion hazard in normal use. Low single dose toxicity; LD50 (rat, rabbit, guinea pig) is greater than 5g/kg.

**Inhalation:** No significant effect expected from a single short-term exposure. Considered low in toxicity.

**Carcinogenicity:** Not listed as carcinogen by NTP, OSHA or IARC.  
**CALIFORNIA PROP 65:** . . . **WARNING** . . . This product contains a chemical (o-Phenylphenol) known to the State of California to cause cancer.

## VIII. FIRST AID

**Eyes:** If in 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 eyes. Seek medical attention if irritation persists.

**Skin:** No first aid should be needed.

**Ingestion:** Not likely to be ingested.

**Inhalation:** If inhalation causes effects, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult medical personnel.

## IX. SPECIAL HANDLING INFORMATION

**Ventilation:** Good room ventilation usually adequate for most operations.

**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:** No precautions other than clean body-covering clothing should be needed.

**Eye Protection:** Use safety glasses or equivalent protection to avoid eye contact.

## X. SPILL, LEAK & DISPOSAL PROCEDURES

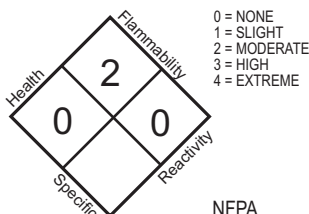
**Action to take for spills/leaks:** Eliminate all sources of ignition. Stop leak if without risk. Absorb spill with inert material (vermiculite, earth, or sand). Dispose of saturated absorbent materials appropriately since spontaneous heating may occur.

**Disposal Method:** Landfill in accordance with local, state, and federal regulations.

## XI. SPECIAL PRECAUTIONS & ADDITIONAL INFORMATION

**Precautions to be taken in handling and storage:** Do not puncture, incinerate, store in heat or sun as container may burst above 130°F. Avoid contact with food. Flammable. Do not use near fire, sparks, or flame. Do not spray in eyes. Contents under pressure. Keep out of reach of children. STORE AS LEVEL 1 AEROSOL (NFPA 30B).

Emergency Phone 989.496.3110



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800.234.7700  
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