

MATERIAL SAFETY DATA SHEET

Total Solutions
P.O. Box 240014
Milwaukee, WI 53224



GENERAL INFORMATION NUMBER: (414) 354-6417
CHEMTREC: (800) 424-9300

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I - Product Identification

Hospital Surface Disinfectant

PRODUCT CODE: 8421

CHEMICAL FORMULATION: Disinfectant spray.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1

FLAMMABILITY: 4

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Ethanol	> 50.0	1000 ppm	1000 ppm	N	N	N	64-17-5
p-tert-Amylphenol	0.02	N/E	N/E	N	N	Y	80-46-6
o-Phenylphenol	0.08	N/E	N/E	N	N	N	90-43-7
Butane/Propane/Isobutane (propellant)	< 30.0	1000 ppm	800 ppm	N	N	N	106-97-8 74-98-6 75-28-5

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/A

SPECIFIC GRAVITY (WATER = 1): 0.85

VAPOR PRESSURE (psig): N/D

VOC CONTENT (% by weight): N/D

VAPOR DENSITY (AIR = 1): N/D

EVAPORATION RATE (WATER = 1): N/D

SOLUBILITY IN WATER: Complete

pH: N/A

APPEARANCE AND ODOR: Clear, light yellow-green liquid spray, pleasant odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/D

(TEST METHOD):

NFPA 30B Rating: 2

FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/D LOWER: N/D

FLAME EXTENSION: 10''

EXTINGUISHING MEDIA: Foam, carbon dioxide, and dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must use full protective gear and self-contained breathing apparatus. Cool containers in the vicinity of fire with water spray or mist.

UNUSUAL FIRE AND EXPLOSION HAZARD: Do not expose cans to temperatures above 120 degrees.

V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Strong acids and oxidizers.

CONDITIONS TO AVOID: Heat and open flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X

INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None

EFFECTS OF OVEREXPOSURE

IF IN EYES: May cause irritation, burning and redness.

IF ON SKIN: Slight irritation, drying of skin and possible dermatitis with repeat exposure.

IF SWALLOWED: Gastrointestinal irritation, cramps, nausea.

IF INHALED: Respiratory irritation, nausea, dizziness and headache.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

IF ON SKIN: Remove contaminated clothing and wash with soap and water. Launder clothing separately before reuse. If irritation persists, obtain medical attention.

IF SWALLOWED: Contact physician or poison control center immediately. Give several glasses of water and induce vomiting.

IF INHALED: Remove person to fresh air. Give artificial respiration if not breathing. Obtain medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Extinguish all sources of ignition. Contain spill. Soak up on inert absorbent material and place in a labeled closed container.

WASTE DISPOSAL METHOD: Consult local environmental authorities. Dispose of empty cans in non-incinerated trash only.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Avoid breathing spray mist. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

VENTILATION

LOCAL: Recommended

MECHANICAL: Not required

PROTECTIVE GLOVES: Chemical resistant.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: None.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer's recommendations.

OTHER PRECAUTIONS: Keep out of reach of children. Do not puncture or incinerate cans.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: Consumer commodity

DOT CLASS: ORM-D

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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