

MATERIAL SAFETY DATA SHEET

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



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

REVISION DATE: May 12, 2008
DATE OF ISSUE: August 8, 2008

I - Product Identification

Total Release Disinfectant Fogger

PRODUCT CODE: 8420

CHEMICAL FORMULATION: Pressurized disinfectant.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1

FLAMMABILITY: 3

REACTIVITY: 1

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

II - Hazardous Ingredients

| SUBSTANCE | OSHA | ACGIH | EPA 40 CFR: | | | CAS # |
|-------------------|----------|----------|-------------|-----|-----|------------|
| | PEL | TLV | 302 | 355 | 372 | |
| Ethyl alcohol | 1000 ppm | 1000 ppm | N | N | N | 64-17-5 |
| 2-Phenylphenol | N/E | N/E | N | N | Y | 90-43-7 |
| Propane/n-Benzene | 600 ppm | 600 ppm | N | N | N | 68476-86-8 |

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): 165
VAPOR PRESSURE (mm Hg): 44
VAPOR DENSITY (AIR = 1): 1
SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: Amber aerosol spray liquid; orange/citrus fragrance.

SPECIFIC GRAVITY (WATER = 1): 0.87
VOC CONTENT (% by weight): N/D
EVAPORATION RATE (WATER = 1): N/D
pH: N/D

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 68 (concentrate) (TEST METHOD): TOC
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/D LOWER: N/D NFPA 308 Rating:
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Exposure to temperature above 120°F may cause bursting.

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V - Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizers, acids and alkalis
CONDITIONS TO AVOID: Excess heat and open flame. Dropping of containers may cause bursting.
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: Severe irritation.
IF ON SKIN: Irritation, chapping and dermatitis, with prolonged or repeated exposure.
IF SWALLOWED: May be harmful or fatal if swallowed.
IF INHALED: May irritate mouth, nose and throat leading to sleep and stupor
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: Wash with soap and water. Remove contaminated clothing and laundry separately before reuse. If irritation persists, obtain medical attention.
IF SWALLOWED: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting. Never give anything to an unconscious person.
IF INHALED: Remove person to fresh air. If breathing stops give artificial respiration. Seek medical attention immediately.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
WASTE DISPOSAL METHOD: Consult local environmental authorities. Dispose of cans in non-incinerated trash only.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation.
VENTILATION LOCAL: Recommended MECHANICAL: Not required
PROTECTIVE GLOVES: Recommended only if in repeated contact with skin.
EYE PROTECTION: Safety glasses are recommended but not required.
OTHER PROTECTIVE EQUIPMENT: None.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from heat or open flame. Do not expose to direct sunlight or store at temperatures above 120°F.
OTHER PRECAUTIONS: Keep out of reach of children. Do not puncture or incinerate container.

IX - Transportation Information (ground transportation only)

DOT ID #: None DOT PROPER SHIPPING NAME: Consumer Commodity
DOT CLASS: ORM-D 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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