

MATERIAL SAFETY DATA SHEET

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

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I - Product Identification

Metered Air Fresheners

PRODUCT CODE: 8424 – 8439

CHEMICAL FORMULATION: Pressurized Air Fresheners

HMIS HAZARD IDENTIFICATION SYSTEM: HEALTH: 1 FLAMMABILITY: 4 PHYSICAL HAZARD: 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 | |
| Acetone | 60-80% | 1000 ppm | 500 ppm | Y | N | N | 67-64-1 |
| Propane | 10-15% | 1000 ppm | 1000 ppm | N | N | N | 74-98-6 |
| Butane | 10-15% | N/E | 1000 ppm | N | N | N | 106-97-8 |
| Diethyl glycol monoethyl ether | <3.0 | N/E | N/E | N | N | Y | 111-90-0 |

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/D SPECIFIC GRAVITY (WATER = 1): 0.71-0.73
VAPOR PRESSURE (psi@70° F): 45-75 VOC CONTENT (% by weight): <30%
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): N/D
SOLUBILITY IN WATER: Partially pH: N/D
APPEARANCE AND ODOR: Clear liquid; various fragrances.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): -156° F (propellant) (TEST METHOD): Estimated FLAME EXTENSION: N/D
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/D LOWER: N/D NFPA 30B Rating: 3
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical and fog.
SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will not support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers

CONDITIONS TO AVOID: Excess heat and open flame. Do not store above 120° F.

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

HAZARDOUS POLYMERIZATION: Will not occur.

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:**
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None

EFFECTS OF OVEREXPOSURE

IF IN EYES: Irritation

IF ON SKIN: Irritation, and chapping, with prolonged or repeated exposure. Can be absorbed through skin.

IF SWALLOWED: Nausea, cramps, diarrhea.

IF INHALED: Respiratory irritation, dizziness, headache, nausea, fatigue, drowsiness. Impaired co-ordination and eye watering. Narcotic in high concentrations. Severe overexposure may cause damage to the blood. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system and other internal organ damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Liver and kidney disease, anemia and coronary disease.

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 launder separately before reuse. If irritation persists, obtain medical attention.

IF SWALLOWED: Contact physician or poison control center immediately. Do not induce vomiting.

IF INHALED: Remove person to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Avoid breathing vapors. 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. 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 with prolonged exposure.

EYE PROTECTION: Safety glasses.

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 NUMBER: 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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