

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

All-Purpose Spray Cleaner

PRODUCT CODE: 8305

CHEMICAL FORMULATION: Pressurized water based cleaner.

HMIS HAZARD IDENTIFICATION SYSTEM: HEALTH: 1

FLAMMABILITY: 2

REACTIVITY: 0

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

II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
	<u>%</u>	<u>PEL</u>	<u>TLV</u>	<u>302</u>	<u>355</u>	<u>372</u>	
2-Butoxyethanol	3.0-5.0	50 ppm	20 ppm	N	N	Y	111-76-2
n-Butane	1.0-3.0	N/E	1000 ppm	N	N	N	106-97-8

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): 212 (estimated)

SPECIFIC GRAVITY (WATER = 1): 0.98

VAPOR PRESSURE (psig): 40-75 @ 70 °F

VOC CONTENT (% by weight): 5.0-10.0

VAPOR DENSITY (AIR = 1): N/D

EVAPORATION RATE (WATER = 1): N/D

SOLUBILITY IN WATER: Partially

pH: 11.8-12.8

APPEARANCE AND ODOR: Pale yellow aerosol; pleasant fragrance.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): -156 (propellant) (TEST METHOD):

FLAME EXTENSION: N/D

FLAMMABLE LIMITS IN AIR (VOLUME %) (PROPELLANT)

UPPER: N/D

LOWER: N/D

EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, dry chemical.

NFPA 30B Rating: 1

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: Contents under pressure! Exposure to temperatures above 120° F may cause bursting.

V - Reactivity Data

STABILITY: Stable**INCOMPATIBILITY:** None known**CONDITIONS TO AVOID:** Excess heat, sparks open flame, direct sunlight. Dropping of containers may cause bursting.**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:** X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None**EFFECTS OF OVEREXPOSURE****IF IN EYES:** Health injuries are not known or expected under normal use.**IF ON SKIN:** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.**IF SWALLOWED:** Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion.**IF INHALED:** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.**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:** Flush skin with water for 15 minutes while removing contaminated clothing. Wash skin with soap and water. Launder clothes separately before reuse. If irritation persists, obtain medical attention.**IF SWALLOWED:** Contact physician or poison control center immediately.**IF INHALED:** Remove person to fresh air. If breathing has stopped, administer artificial respiration. Give oxygen if breathing is difficult. If irritation persists, 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. Soak up material with inert absorbent material and place in a labeled closed container for 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. Do not breathe vapors or mists. 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:** Protective clothing.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat, sparks 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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