

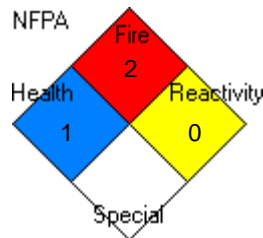
MSDS - Material Safety Data Sheet

Product Name: Hospital Specialty Metered Aerosol Deodorant

MSDS No.: 70

I. Basic Information:

Manufacturer: Hospital Specialty Company
Address: 7501 Carnegie Avenue
City, ST Zip: Cleveland, OH 44103



Last Update: 1/ 2/97

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

1	Health
2	Flammability
0	Reactivity
	Pers. Protection

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
64175	Ethanol								
0	Fragrance								
68476857	Liquified petroleum gas (LPG)						1000 ppb	1000	
8002059	Petroleum distillate								

III. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Chronic Overexposure: Inhalation may cause nervous system depression, dizziness, headache, loss of consciousness, temporary alteration of the hearts electrical activity with irregular pulse. Palpitations or poor circulation repeated ingestion by pregnant mothers may effect Central Nervous System of fetus, causing fetal alcohol syndrome. Includes mental and physical retardation, motor and language deficiencies and behavioral disorders. Prolonged exposure above the OSHA permissible exposure limits may result in kidney and liver damage.

Overexposure: Inhalation: Shorness of breath, dizziness, and lightheadedness
 Eyes: Can cause eye irritation
 Skin: Slight skin irritation, can cause dermatitis
 Ingestion: May cause chemical pneumonia if aspirated into lung.

IV. First Aid Measures:

Route(s) of Entry:

Eyes, Ingestion, Inhalation, and Skin

Health Hazards (Acute and Chronic):

Refer to Section 3

Signs and Symptoms:

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Overexposure:

Inhalation: Shortness of breath, dizziness, and lightheadedness

Eyes: Can cause eye irritation

Skin: Slight skin irritation, can cause dermatitis

Ingestion: May cause chemical pneumonia if aspirated into lung.

Medical Conditions Generally Aggravated by Exposure:

None Established

Emergency and First Aid Procedures:

Eyes: Flush eyes with large quantities of water, if irritation persists, contact physician.

Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

Ingestion: Do not induce vomiting. Immediately drink two glasses of water. Never give anything by mouth to an unconscious person. Call physician immediately.

Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Inhalation: If affected, remove individual to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet, get medical attention.

Other Health Warnings:

None Known

V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: 0.6

Upper Explosive Limit: 19.0%

Fire Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water, Fog, Alcohol

Special Fire Fighting Procedures:

Water may be used to cool closed containers to prevent pressure build up and possible autoignition or explosion when exposed to extreme heat. Wear a full face positive pressure self contained breathing apparatus when fighting fires.

Unusual Fire and Explosion:

Material is highly volatile and readily gives off vapors which may travel along the ground or move by ventilation and ignited. Possible ignition sources such as: Pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations distant from material handling point.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Ventilate area. Remove all sources of ignition. Clean up with inert materials and dispose of in accordance with all local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Do not store in direct sunlight, near open flames, or at temperatures exceeding 120 F.

Other Precautions:

None Known

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGHI'S TLV limit.

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Personal Protective Equipment:

Protective Gloves: Recommended for prolonged or repeated contact. Wear resistant gloves such as polyvinyl alcohol, polyethylene.

Eye Protection: Chemical goggles with side shields or face shield recommended.

Other Protective Equipment: Protective clothing and equipment: See 29 CFR 1910.133 and 132.

IX. Physical and Chemical Properties:

Boiling Point: 490F	Melting Point: NA	Evaporation Rate: NA
Vapor Pressure (mm Hg.): NA	Vapor Density (AIR = 1): >Air	
Solubility In Water: Not Established		
Appearance and Odor: Clear, scent various		
Other Information: None Known		

X. Stability and Reactivity:

Stability:

Stable under normal storage conditions

Incompatibility (Materials to Avoid):

Avoid contact with strong oxidizing agents, strong alkalines and strong mineral acids.

Decomposition/By Products:

Burning can produce carbon monoxide and/or carbon dioxide and trace phosgene gas.

Hazardous Polymerization:

Will not Occur

XI. Toxicological Information:

None Known

XII. Ecological Information:

None Known

XIII. Disposal Considerations:

Do not puncture or incinerate. Empty containers may be disposed of through normal channels. Full or partially filled containers are considered hazardous waste.

XIV. Transport Information:

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Chemical Name: No SARA Section 313 components exist in this product.

XV. Regulatory Information:

None Known

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XVI. Other Information:

The foregoing information has been compiled from sources believed to be accurate but is not warranted to be, Recipients are advised to confirm in advance of need that data is correct. Standards change without notice. It is the responsibility of the recipient to assure that their personnel have been notified of any changes which may affect them. The data provided on this MSDS are not meant to be used as specifications, only as guideline information as to the safe use of the product. User should refer to applicable laws before use. This MSDS complies with guidelines set by 29 CFR

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