

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**HEALTH**

**HMIS®**

**3**

**REACTIVITY**

**0**

**FLAMMABILITY**

**3**

**PERSONAL PROTECTION**

**A**

**Identity** (As Used on Label and List)

**08412**

**Gum Free**

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

## SECTION I

**Manufacturer's Name**

ITW Dymon

**Emergency Telephone Number**

1-800-535-5053

**Address (Number, Street, City, State, and ZIP Code)**

805 East Old 56 Highway

**Telephone Number for Information**

1-913-397-9889

Olathe, Kansas 66061

**Date Prepared**

July 10, 2001

**Signature of Preparer (Optional)**

Regulatory Dept.

## SECTION II - Hazardous Ingredients/Identity Information

**Hazardous Components (Specific**

**Chemical Identity; Common Name(s))**

**CAS No.**

**OSHA PEL**

**ACGIH TLV**

**OTHER LIMITS RECOMMENDED**

**% (Opt.)**

Isobutane

75-28-5

800 ppm

800 ppm

15 - 40 %

Propane

74-98-6

1000 ppm

Asphyxiant

30 - 60 %

This product is not known to contain any chemical listed or in concentrations requiring reporting under SARA Title III Sec. 313. Refer to 40 CFR 372.

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

## SECTION III Physical/Chemical Characteristics

**Boiling Point**

Concentrate

- 42° C

**Specific Gravity (H<sub>2</sub>O = 1)**

Concentrate

0.57

**Pressure (psig. @ 70° F)**

100 ± 5

**Melting Point**

No Data

**Vapor Density (AIR = 1)**

Greater than one (1)

**Evaporation Rate (Butyl Acetate = 1)**

No Data

**Solubility in Water**

Slight

**pH**

Not Applicable

**Appearance and Odor -**

Clear colorless odorless gas in an aerosol can.

## SECTION IV - Fire and Explosion Hazard Data

**USA Flame Projection Test (ASTM D-3065)**

Greater than 24", Flashback: Extremely flammable

**Flammable Limits**

No Data

**LEL**

No Data

**UEL**

No Data

**Extinguishing Media -**

Use water spray to keep containers cool. Contains an extremely flammable gas.

**Special Fire Fighting Procedures -** Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

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**Unusual Fire and Explosion Hazards** - Aerosol container (pressurized) may burst if heated over 120° F. Extremely flammable contents. Vapors are heavier than air and may accumulate in low lying areas. Vapors are easily ignited by pilot lights, flame, sparks, static electricity, electrical motors, switches, etc.

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**SECTION V - Reactivity Data**

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight, ignition sources
	Stable	X	

**Incompatibility (Materials to Avoid) -**  
Strong oxidizers

**Hazardous Decomposition or Byproducts -**  
Oxides of carbon

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

**SECTION VI - Health Hazard Data**

Route(s) of Entry	Eyes? Yes	Inhalation? Yes	Skin? Yes	Ingestion? No (unlikely)
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**Health Hazards (Acute and Chronic) -**

Danger. Extremely flammable liquid and vapor. Causes eye and skin burns (frostbite or thermal type). May be harmful if inhaled. Asphyxiation hazard due to potential for displacing oxygen. Follow good chemical hygiene practices to avoid these hazards. Contents under pressure.

Carcinogenicity: None known	NTP? No	IARC Monographs? No	OSHA Regulated? No
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**Signs and Symptoms of Exposure -**

Cold or freezing sensation on skin or in eyes. Disorientation, lack of coordination, excitation, headache, nausea if inhaled.

**Medical Conditions Generally Aggravated by Exposure -**

Persons with pre-existing skin disorders may be affected. Follow good chemical hygiene practices to avoid this hazard.

**Emergency and First Aid Procedures:**

**Eyes** - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention.

**Ingestion** - Unlikely as this product is a gas at room temperature and pressure. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Flush or immerse area(s) in lukewarm water. If skin is not burned or frozen, keep warm and stimulate circulation with massage. Get medical attention.

**SECTION VII - Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled** - Danger, extremely flammable gas. Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread.

**Waste Disposal Method** - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

**Precautions to be Taken in Handling and Storing** - Do not use near ignition sources such as heat, sparks, open flame, etc. Direct spray away from face. Replace cap when not in use. Do not get in eyes, on skin or clothing. Do not smoke while using. Use with adequate ventilation.

**Other Precautions** - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Store in a cool (under 120° F) dry location away from heat, sparks, open flame and direct sunlight.

**SECTION VIII - Control Measures**

**Respiratory Protection (Specify Type)** - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

Ventilation	Local Exhaust	Not usually necessary	Special	None
	Mechanical (General) -	Acceptable	Other	None

**Protective Gloves**

Only if direct contact possible.

**Eye Protection**

Only if direct contact possible.

**Other Protective Clothing or Equipment**

Not usually necessary. If direct contact possible, wear apron, boots, face shield, gloves, etc.

**Work/Hygienic Practices -**

Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.