

# 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.

HMIS®

HEALTH

1

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

None

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

42116, 42120

Glass Cleaner

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**

October 4, 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.)**

Isopropyl Alcohol

67-63-0

400 ppm

400 ppm

5 - 10 %

Isobutane

75-28-5

800 ppm

800 ppm

1 - 5 %

Propane

74-98-6

1000 ppm

Asphyxiant

0.5 - 1.5 %

None of the compounds in this product are listed or present in concentrations requiring reporting under SARA Title III, Sec. 313.

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 (est.)

180° F

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

Concentrate

0.98

**Pressure (psig. @ 70° F)**

50 ± 5

**Melting Point**

No Data

**Vapor Density (AIR = 1)**

> 1.0

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

No Data

**Solubility in Water**

Complete

**pH**

9.0 ± 0.5

**Appearance and Odor**

Clear, colorless liquid with an alcohol, floral scent. Wet foam from aerosol.

## SECTION IV - Fire and Explosion Hazard Data

**USA Flame Projection Test**

0" - (Extinguishes flame) Non-flammable

**Flammable Limits**

No Data

**LEL**

No Data

**UEL**

No Data

**Extinguishing Media**

If necessary use carbon dioxide, dry chemical, foam, fog, waterspray or agent appropriate for fuel source..

**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.

**Unusual Fire and Explosion Hazards -**

Aerosol container (pressurized) may burst if heated over 120° F.

**SECTION V - Reactivity Data**

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

**Incompatibility (Materials to Avoid) -**

Anhydrides, isocyanate, acetylaldehyde, chlorine, ethylene oxide, hydrogen peroxide, aluminum, oxidizers, strong alkalis and organometallic contaminants.

**Hazardous Decomposition or Byproducts -** Carbon monoxide, carbon dioxide, hydrogen, and nitrogen.

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
-------------------	--------------	--------------------	--------------	------------------

**Health Hazards (Acute and Chronic) -**

Warning: Causes eye irritation. May cause skin irritation. Product may be absorbed through intact skin. May be harmful if inhaled. CNS effects. Contents under pressure. Use good chemical hygiene practices to avoid these hazards.

Carcinogenicity: None known	NTP? No	IARC Monographs? No	OSHA Regulated? No
--------------------------------	------------	------------------------	-----------------------

**Signs and Symptoms of Exposure -**

Redness, tearing, burning in eyes. Redness, drying, cracking of skin. Drowsiness, dizziness, and loss of coordination (CNS effects).

**Medical Conditions Generally Aggravated by Exposure -**

Pre-existing skin and lung disorders may be aggravated by prolonged or repeated occupational overexposure.

**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** - If conscious, drink plenty of water. Call a physician or poison control center immediately. Do not induce vomiting unless directed by a physician. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Wash with soap and water. If irritation arises and persists, call a physician.

**SECTION VII - Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled -**

Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Vacuum or pick up on absorbent. Put in suitable container.

**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 -**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Store in a cool (under 120<sup>o</sup> F) dry location away from heat, sparks, open flame, and direct sunlight. Direct spray away from face. Replace cap when not in use.

**Other Precautions -**

Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Do not use around ignition sources such as heat, sparks, open flame, etc. Avoid inhaling mist and vapors.

**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	Acceptable	Special	None
	Mechanical (General)	Yes	Other	None

**Protective Gloves**

Not usually necessary. Use if contact with skin is possible.

**Eye Protection**

Yes, approved safety glasses or goggles. (ANSI Z87)

**Other Protective Clothing or Equipment: -**

Not usually necessary. If direct contact is possible, use apron, boots, 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.