

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

B

Identity (As Used on Label and List)

19216, 19220
Cleaner

All Purpose Foaming

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 12, 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.)

*2 - Butoxyethanol

111-76-2

50 ppm**

25 ppm**

1 - 3 %

Isobutane

75-28-5

800 ppm

800 ppm

3 - 7 %

Propane

74-98-6

1000 ppm

Asphyxiant

0.5-1.5 %

* This product contains 2-Butoxyethanol (a glycol ether compound) which is listed and may require reporting under SARA Title III Sec 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

** - skin designation

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

212° F

Specific Gravity (H₂O = 1)

Concentrate

1.008

Pressure (psig. @ 70° F)

50 ± 5

Melting Point

No Data

Vapor Density (AIR = 1)

No Data

Evaporation Rate (Ethyl ether = 1)

No Data

Solubility in Water

Complete

pH

11 ± 0.5

Appearance and Odor

Clear colorless liquid with a lemon scent. Dispensed as a wet foam from an aerosol.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test

0", Extinguished flame, Non-flammable

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media -

Not usually necessary as this product does not readily support combustion. Use an extinguishing agent applicable to the fire's fuel source. (i.e. - carbon dioxide, dry chemical, foam, fog, and water spray)

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)

Strong acids, alkalies and oxidizers, reactive metals (i.e. aluminum, magnesium).

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? Yes
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Health Hazards (Acute and Chronic)

Warning: Harmful if inhaled or absorbed through skin. May cause eye and skin irritation. Contents under pressure. Use good chemical hygiene practices to avoid these hazards.

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

Redness, tearing, burning in eyes. Redness, drying, cracking of skin. Dizziness, nausea, and loss of coordination possible if inadequate ventilation.

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 medical attention immediately.

Ingestion - Get immediate medical attention. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Flush with water for at least 15 minutes while removing contaminated clothing and shoes. 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**

Caution, slip hazard. 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 -

Do not get in eyes. Avoid contact with skin, eyes, clothing and body parts. Do not inhale fumes. Toxic by absorption and inhalation. Wash thoroughly after use. Store in a cool 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 puncture container. Do not store at temperatures exceeding 120° F. Use with adequate ventilation.

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 needed	Special - None
	Mechanical (General) - Yes	Other - None

Protective Gloves

To avoid direct contact with product (impervious).

Eye Protection

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

Other Protective Clothing or Equipment - Not usually necessary. If direct contact 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.