

# Material Safety Data Sheet

HMIS®

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

HEALTH

1

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

B

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

36116, 36120

Natural Force Foaming

Degreaser

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**

May 1, 2002

**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		5 - 10 %
Propane	74-98-6	1000 ppm	Asphyxiant		1 - 5 %

This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 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

<b>Boiling Point</b> Concentrate	212 °F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> Concentrate	0.963
<b>Pressure (psig. @ 70° F)</b>	40 ± 5	<b>Melting Point</b>	No Data
<b>Vapor Density (AIR = 1)</b>	Greater than one (1)	<b>Evaporation Rate (Ethyl Ether = 1)</b>	No Data
<b>Solubility in Water</b>	Complete	<b>pH</b>	10 ± 0.5
<b>Appearance and Odor</b> --Milky white liquid with a citrus scent. Foams from aerosol can.		<b>VOC's</b> --This product contains 213.5 grams per liter or 29.5 % by weight VOC's.	

## SECTION IV - Fire and Explosion Hazard Data

<b>USA Flame Projection Test (ASTM D-3065)</b> 0" (Non-flammable)	<b>Flammable Limits</b> No Data	<b>LEL</b> No Data	<b>UEL</b> No Data
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### Extinguishing Media

Use carbon dioxide, dry chemical, foam or fog as needed.

**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 oxidizing agents, acids, and bases.			
Hazardous Decomposition or Byproducts - Oxides of carbon, sulfur dioxide and hydrogen sulfide.			
Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

**SECTION VI - Health Hazard Data**

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	No

**Health Hazards**

Caution. Contents under pressure. May cause skin and eye irritation. May cause respiratory tract irritation. Occupational overexposure may lead to dermatitis.

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

Signs and Symptoms of Exposure - Dryness, redness, and cracking of skin. Redness, tearing, burning in eyes. Irritation of nose and throat.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin disorders may be effected by prolonged or repeated occupational overexposure. Follow good chemical hygiene practices.

**Emergency and First Aid Procedures:**

**Eyes** - Flush with plenty of water for at least 15 minutes. Get medical attention immediately. **Ingestion** - Call a physician or poison control center immediately. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Flush with plenty of water for at least 15 minutes.

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

**Steps to be Taken in Case Material is Released or Spilled** - Slip hazard. Small spill: Pick up on absorbent material. Large spill: Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Vacuum or pick up on absorbent. Place in suitable container for proper disposal.

**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** - Contents under pressure. Do not puncture or incinerate container. Do not store at temperatures exceeding 120° F. Store in a dry location. Keep away from heat, sparks and open flames. Direct spray away from face. Replace cap when not in use. Do not spray into open flame. Avoid contact with eyes, skin, and clothing. Avoid breathing mist and vapors. Use with adequate ventilation.

**Other Precautions** - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Do not store in direct sunlight. Do not use around ignition sources such as heat, sparks, open flame, etc. Avoid contamination of food. Wash thoroughly after handling.

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

**Protective Gloves**

Impervious

**Eye Protection**

Safety glasses or goggles (ANSI Z87)

**Other Protective Clothing or Equipment** - As needed to prevent direct body contact (i.e. - boots, apron, 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 IMPROPER 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.