

# 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®**

**2**

**REACTIVITY**

**0**

**FLAMMABILITY**

**3**

**PERSONAL PROTECTION**

**A**

## Identity (As Used on Label and List)

**37616, 37620**      **Natural Force Solvent Blast 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

October 30, 2000

### 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.)
Carbon dioxide	124-38-9	5000 ppm	5000 ppm	STEL 30000 ppm	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 - Initial	339° F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> Concentrate	0.859
<b>Pressure (psig. @ 70° F)</b>	75 ± 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>	Emulsifiable	<b>pH</b>	Not Applicable

### Appearance and Odor -

Clear liquid with a citrus scent in an aerosol can.

## SECTION IV - Fire and Explosion Hazard Data

<b>USA Flame Projection Test (ASTM D-3065)</b> >18", no flashback: 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.

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**Unusual Fire and Explosion Hazards -**

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

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**SECTION V - Reactivity Data**

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

**Incompatibility (Materials to Avoid)** - Strong oxidizing and reducing agents, acids, acid catalysts, peroxides, halogens, vinyl chloride, iodine fluoride, aluminum chloride, bases and materials reactive with hydroxyl compounds.

**Hazardous Decomposition or Byproducts -**

Oxides of carbon, acrid smoke, fumes and various organic oxidation products.

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**

Warning. Flammable. Harmful if swallowed. Causes eye and respiratory tract irritation. May cause skin irritation. Repeated or prolonged occupational overexposure may lead to dermatitis. Direct eye contact may cause eye damage. Follow good chemical hygiene practices when using this and other degreasers.

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. Ingestion may cause lethargy, nausea, vomiting and diarrhea.

**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** - Do not induce vomiting. Drink plenty of water then call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Wash thoroughly with soap and water. Wash for at least 15 minutes. 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. 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** - Do not use on or near ignition sources such as heat, sparks, open flame, welding arcs, static electricity, etc. Do not smoke while using. Do not swallow. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Avoid inhaling 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. Avoid contamination of food. Direct spray away from face. Replace cap when not in use. Do not puncture or incinerate. Contents under pressure. Do not puncture container. 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	Acceptable	Special	None
	Mechanical (General)	Yes	Other	None

**Protective Gloves**

Not usually needed. Impervious if contact possible.

**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 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.