

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

2 *

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

40320, 40316

Big Blast Safety Solvent

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 2, 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.)
*Methylene Chloride	75-09-2	25 ppm	50 ppm	STEL-125ppm	50-75 %
*Perchloroethylene	127-18-4	100 ppm	25 ppm	STEL-100 ppm	5 - 15 %
VM&P Naphtha	64742-48-9	300 ppm	300 ppm	STEL-400 ppm	10 - 30 %
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	STEL-30000 ppm	1 - 5 %

* This product contains methylene chloride (syn. dichloromethane) and perchloroethylene (syn. tetrachloroethylene) which are 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.

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 - Initial	104° F	Specific Gravity (H ₂ O = 1) Concentrate	1.189
Pressure (psig. @ 70° F)	70 ± 5	Melting Point	No Data
Vapor Density (AIR = 1)	No Data	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Insoluble	pH	Not Applicable
Appearance and Odor-- Clear, colorless liquid with a characteristic petroleum distillate odor.		VOC's--This product contains 113.5 grams per liter or 14.5% by weight VOC's.	

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065) 0" - no flashback Not flammable	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media

Dry chemical, carbon dioxide, foam or 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) Oxygen, nitrogen, strong acids, bases and oxidizing agents, reactive metals, barium, lithium, select amines, and peroxides.

Hazardous Decomposition or Byproducts

Oxides of carbon, phosgene, HCl, formaldehyde, smoke, soot, various oxidation by-products and fumes.

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	Yes

Health Hazards (Acute and Chronic) - Warning. Contents under pressure. Causes eye and skin irritation. Harmful if inhaled or swallowed. Aspiration hazard if ingested. Overexposure to concentrated fumes may cause CNS effects. Follow good chemical hygiene practices to avoid these hazards.

Carcinogenicity: Yes	NTP?	IARC Monographs?	OSHA Regulated?
Perchloroethylene	Yes	Yes (Group 2B)	Yes
Methylene Chloride	Yes	Yes (Group 2B)	No

WARNING: This product contains chemicals (methylene chloride and perchloroethylene) known to the State of California to cause cancer.

NOTE: Not for sale or use in California's automotive maintenance or repair facilities.

Signs and Symptoms of Exposure

Burning, tearing, redness in eyes. Redness, drying, cracking of skin. Irritation of nose, throat, and respiratory tract, nausea and headaches. Drowsiness, dizziness, fatigue or loss of coordination.

Medical Conditions Generally Aggravated by Exposure

Pre-existing skin and respiratory tract disorders. Follow good chemical hygiene practices.

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 - Do not induce vomiting unless under the direction of a physician. Call a physician or poison control center immediately.

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. Caution, slip hazard. Pick up with absorbent material, then put 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 -

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Direct spray away from face. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Avoid inhaling mist or vapors. Use with adequate ventilation. Do not deliberately concentrate and inhale vapors. Do not puncture or incinerate container. Do not swallow.

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)	Acceptable	Other	None

Protective Gloves -
Impervious

Eye Protection -
Safety glasses or goggles (ANSI Z87)

Other Protective Clothing or Equipment - As needed to avoid contact with skin and clothing (i.e. 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 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.