

# 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**

August 31, 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.)**

\*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<sub>2</sub>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.

## 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

**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	May Occur		Conditions to Avoid - None known
Polymerization	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.

<b>Carcinogenicity:</b> Yes	<b>NTP?</b>	<b>IARC Monographs?</b>	<b>OSHA Regulated?</b>
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)
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**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: User must assume all responsibility, including injury or damage, 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 injury to person or property or any other incidental or consequential loss shall be available.