

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

2*

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

15916, 15920 Penetrating Oil & Moisture Remover

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 19, 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.)

*Perchloroethylene	127-18-4	100 ppm	25 ppm	STEL-100 ppm	60-100 %
Carbon dioxide	124-38-9	5000 ppm	5000 ppm	STEL-30,000 ppm	1 - 5 %
Petroleum oil	Mixture	5 mg/m ³	5 mg/m ³	STEL-10 mg/m ³	7 -13 %
*Butoxyethanol (skin designation)	111-76-2	50 ppm	25 ppm		1 - 5 %

* This product contains perchloroethylene (syn. tetrachloroethylene) 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.

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

250° F

Specific Gravity (H₂O = 1)

Concentrate

1.54

Pressure (psig. @ 70° F)

60 ± 5

Melting Point

No Data

Vapor Density (AIR = 1)

Greater than one (1)

Evaporation Rate (Butyl Acetate = 1)

No Data

Solubility in Water

Insoluble

pH

Not Applicable

Appearance and Odor

Clear amber liquid with a chlorinated solvent/wintergreen scent in an aerosol container.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065)

4", No flashback, 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 extinguishing agent appropriate for fire's fuel source (i.e. carbon dioxide, dry chemical, foam, fog, etc.).

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 oxidizers, acids and alkalies, and alkali metals.

Hazardous Decomposition or Byproducts - Carbon dioxide, carbon monoxide, sulfur oxides, aldehydes, phosgene, hydrogen chloride, chlorine, soot and smoke.

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. Causes eye and skin irritation. Harmful if inhaled or swallowed. May be absorbed through intact skin. Aspiration hazard if ingested. May produce conjunctivitis with direct eye contact. Central nervous system effects possible. Follow good chemical hygiene practices to avoid these hazards.

Carcinogenicity: Yes, perchloroethylene	NTP? Yes	IARC Monographs? Yes (Group 2B)	OSHA Regulated? Yes
---	--------------------	---	-------------------------------

WARNING: This product contains a chemical (tetrachloroethylene) 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 or cracking skin. Irritation of nose, throat and gastrointestinal tract. Drowsiness, dizziness, loss of coordination or fatigue. Anesthetic or narcotic effects possible.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin, lung, heart, liver or kidney disorders may be aggravated by prolonged or repeated occupational overexposures.

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. Get immediate emergency medical attention. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Wash thoroughly 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 - Caution, slip hazard. Wipe up small spills with an absorbent material. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up with an absorbent material and put in suitable container for proper disposal. To eliminate slip hazard, carefully remove residuals with a suitable detergent or safety solvent.

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. Do not swallow. Avoid inhaling mist and vapors. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Direct spray away from face. Do not puncture container.

NOTE: Do not use on electronic equipment. Do not use on energized equipment or equipment in operation and allow surfaces to dry before restart. Over spray may present slip hazard.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc.

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 -
Yes, when contact is possible.

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

Other Protective Clothing or Equipment - Only when direct contact is possible. Use appropriate gear such as apron, boots, face shield, etc. when necessary.

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.