

Material Safety Data Sheet



HEALTH

FLAMMABILITY

HMIS®

2*

REACTIVITY

0

0

PERSONAL PROTECTION

B

Identity: Penetrating Oil & Moisture Remover

Formula: A159

Part numbers: 15916, 15920

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 1: Company Identification

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

International Emergency Telephone Number

1-352-323-3500

Olathe, Kansas 66061

Telephone Number for Information

1-913-397-9889

Signature of Preparer (Optional)

Regulatory Dept.

SECTION 2: Ingredients/Identity Information

Components (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%

Mineral Oil

64742-52-5

5 mg/m³

5 mg/m³

STEL-10 mg/m³

7 – 13%

Carbon dioxide

124-38-9

5000 ppm

5000 ppm

STEL-30,000 ppm

1 – 5%

2-Butoxyethanol (skin designation)

111-76-2

50 ppm

25 ppm

< 1 %

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 3: Hazards Identification

Route(s) of Entry

Eyes?

Yes

Inhalation?

Yes

Skin?

Yes

Ingestion?

Yes

Acute Health Hazards - 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.

Chronic Health Hazards - Long-term over exposures may cause cancer due to presence of perchloroethylene.

Carcinogenicity:

Chemical:

Perchloroethylene

OSHA:

No

NTP:

Yes - 2

IARC:

Yes - 2A

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.

SECTION 4: Emergency and First Aid Procedures:

Eyes - Immediately flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.

Ingestion - Aspiration hazard if swallowed. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

Skin - Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. If irritation arises and persists, call a physician. Launder contaminated clothing and shoes before reuse.

SECTION 5: Fire Fighting Measures

USA Flame Projection Test (ASTM D-3065)

0", 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 - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus (SCBA) in chemical fires.

Hazardous Products of Combustion- Carbon dioxide, carbon monoxide, sulfur oxides, aldehydes, phosgene, hydrogen chloride, chlorine, soot and smoke.

Unusual Fire and Explosion Hazards - Aerosol container (pressurized) may burst if heated over 120° F.

SECTION 6: Accidental Release Measures

Small Spill - Caution, slip hazard. Wipe up small releases with a dry absorbent cloth or other absorbent material.

Large Spill – Wear protective gear as necessary. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal. To eliminate slip hazard, carefully remove residuals with a suitable detergent or safety solvent.

SECTION 7: Handling and Storage

Handling - Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not swallow. Avoid inhaling mist and vapors. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Do not use around ignition sources such as heat, sparks, open flame, etc.

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.

Storage – Follow label directions carefully. Keep out of reach of children. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Do not puncture container. Replace cap when not in use.

SECTION 8: Exposure Controls / Personal Protection

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

Skin Protection – Yes, impervious when direct contact is possible.

Respiratory Protections – Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls – Ventilation not usually necessary but should be provided in the event of overexposure.

SECTION 9: Physical and Chemical Properties

Appearance and Odor:	Clear amber liquid with a chlorinated solvent/wintergreen scent in an aerosol can.
PH	Not Applicable
Specific Gravity (70°F)	1.454
Boiling Point:	250° F
Melting Point:	No Data
Evaporation Rate (Butyl Acetate = 1)	No Data
Pressure (psig. @ 70°F)	90 ± 10
Vapor Density (AIR = 1)	>1
Solubility in Water	Insoluble
Volatile Organic Compounds (VOCs)	9.9 grams per liter or 0.7% by weight VOCs.

SECTION 10: Stability and Reactivity

Hazardous Polymerization – This product will not undergo hazardous polymerization.

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

Chemical Stability - Stable

Incompatibility (Materials to Avoid) - Strong oxidizers, acids and alkalis, and alkali metals.

SECTION 11: Toxicological Information

No Data

SECTION 12: Ecological Information

No Data

SECTION 13: Disposal Consideration

Disposal Method - Dispose of in accordance with all applicable local, state, and federal regulations.

RCRA Waste Information – If this product becomes a waste, it would be a hazardous waste (D039) as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14: Transport Information

DOT Information – 49 CFR 172.101

Proper Shipping Description: Consumer Commodity

Hazard Class: ORM-D

Identification Number: None

Packing Group: None

Water Transportation:

Proper Shipping Description: Aerosols

Hazard Class: 2

Identification Number: UN 1950

Packing Group: None

Air Transportation:

Proper Shipping Description: Aerosols, non-flammable

Hazard Class: 2.2

Identification Number: UN 1950

Packing Group: None

Marine Pollutants: None

SECTION 15: Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ – 40 CFR 302.4 (a)

Perchloroethylene (CAS# 127-18-4) – 100 lbs

SARA 313 Components – 40 CFR 372.65

Perchloroethylene (CAS# 127-18-4) – 82.62%

2-Butoxyethanol (CAS# 111-76-2) – 0.61%

State and Local Regulations:

California Proposition 65

WARNING: This product contains a chemical (Perchloroethylene) known to the State of California to cause cancer.

Note: Not for sale or use in California automotive maintenance or repair facilities.

Section 16: Additional Information

Date Prepared:

Rev. 2 – 08/31/06

Rev. 1 - 06/12/06

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.
