

Material Safety Data Sheet



HEALTH
FLAMMABILITY

HMIS®

2* REACTIVITY 0
0 PERSONAL PROTECTION B

Identity: Grease Gun in a Can®
Formula: A162
Part numbers: 16216, 16220

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.)
Methylene chloride	75-09-2	25 ppm	50 ppm	STEL 125 ppm	40 – 70%
Petroleum distillate	64742-89-8	300 ppm	300 ppm	STEL 400 ppm	10 – 30%
Perchloroethylene	127-18-4	100 ppm	25 ppm	STEL 100 ppm	5 – 10%
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	STEL 30,000 ppm	1 – 5%
Aluminum stearate (dust)	637-12-7	5 mg/m ³	5 mg/m ³		1 – 5%

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?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Acute Health Hazards - Warning. Contents under pressure. Causes eye and skin irritation. Harmful or fatal if swallowed. Aspiration hazard if ingested. Harmful if inhaled. Overexposure to vapors or swallowing may cause central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

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

Carcinogenicity:

Chemical:	OSHA:	NTP:	IARC:
Methylene Chloride	Yes	Yes - 2	Yes - 2B
Perchloroethylene	No	Yes - 2	Yes - 2A

Signs and Symptoms of Exposure - Burning, tearing, redness in eyes. Redness, drying, cracking of skin. Vapors may irritate nose, throat and respiratory tract or cause nausea and headaches. Swallowing or excessive inhalation of vapors may induce 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 to avoid these hazards.

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 - Do not induce vomiting unless directed by a physician. 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: Not flammable.	Flammable Limits No Data	LEL No Data	UEL No Data
Extinguishing Media - Treat as an oil fire. Use dry chemical, carbon dioxide or foam. Water may froth and cause fire to spread. Fire may float on water.			
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 - Oxides of carbon, phosgene, HCl, formaldehyde, smoke and fumes.			
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. Be certain to clean all residues with a suitable detergent or safety solvent.

SECTION 7: Handling and Storage

Handling - Contains petroleum distillates. Avoid contact with eyes, skin and clothing. Direct spray away from face. Do not swallow. Wash thoroughly after handling. Launder contaminated clothing before reuse. Avoid inhaling mist and vapors. Do not deliberately concentrate and inhale vapors. Use with adequate ventilation.

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 or incinerate 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.

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 red liquid with a characteristic petroleum distillate odor in an aerosol can.
PH	Not applicable
Specific Gravity (70°F)	1.108
Boiling Point:	250° F
Melting Point:	No Data
Evaporation Rate (Butyl Acetate = 1)	No Data
Pressure (psig. @ 70°F)	65 ± 10
Vapor Density (AIR = 1)	No Data
Solubility in Water	Insoluble
Volatile Organic Compounds (VOCs)	247 grams per liter or 22% by weight VOCs

SECTION 10: Stability and Reactivity

Hazardous Polymerization – This product will not undergo hazardous polymerization.

Hazardous Decomposition or Byproducts – Oxides of carbon, phosgene, HCl, formaldehyde, smoke and fumes.

Chemical Stability - Stable

Incompatibility (Materials to Avoid) - Oxygen, nitrogen, strong acids, bases and oxidizing agents, reactive metals, barium, lithium, select amines, and peroxides.

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 not be a hazardous waste 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)

Methylene chloride (CAS# 75-09-2) – 1000 lbs.

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

SARA 313 Components – 40 CFR 372.65

Methylene chloride (CAS# 75-09-2) – 56.84%

Perchloroethylene (CAS# 127-18-4) - 8.74%

State and Local Regulations:

California Proposition 65

Warning: This product contains the chemicals (Methylene chloride and Perchloroethylene) known to the State of California to cause cancer.

Section 16: Additional Information

Date Prepared:

Rev. 2 – 08/31/06

Rev. 1 - 06/01/06

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.
