

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

1

REACTIVITY

0

FLAMMABILITY

3

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

50216, 50220 Non-Chlorinated Brake Parts Cleaner

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 1-800-289-3966
OLATHE, KANSAS 66061	Date Prepared March 13, 2001
	Signature of Preparer (Optional)

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	STEL-30000 ppm	3 - 7%
Acetone	67-64-1	1000 ppm	500 ppm	STEL 750 ppm	30-60%
Light Aliphatic Solvent Naphtha	64742-89-8	300 ppm	300 ppm	STEL 400 ppm	30-60%
n- Heptane	142-82-5	500 ppm	400 ppm	STEL 500 ppm	1 - 5 %

This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

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	133° F	Specific Gravity (H₂O = 1) Concentrate @70° F	0.794
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	Partially Miscible	PH	Not applicable

Appearance and Odor -

Clear colorless liquid with a aromatic solvent odor in an aerosol can.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065) >18", Flashback, Extremely Flammable	Flammable Limits No Data	LEL No Data	UEL No Data
--	------------------------------------	-----------------------	-----------------------

Extinguishing Media - Water may be ineffective. Use carbon dioxide, dry chemical, foam or fog. Concentrate is highly volatile and flammable. Vapors may travel along ground to ignition sources. Treat as an oil fire. Water may cause fire to float and spread.

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. Contents are highly volatile and flammable.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight
	Stable	X	

Incompatibility (Materials to Avoid) -

Strong oxidizing agents and mineral acids, permanganates, chromates and chlorine.

Hazardous Decomposition or Byproducts -

Carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.

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) - Danger. Extremely Flammable liquid and vapor. Vapor may cause flash fire. Harmful if inhaled or swallowed. Causes eye irritation. May cause skin irritation. Intentional overexposure to mist or vapors may result in anesthetic or central nervous system effects. Contains petroleum distillates. Aspiration hazard if ingested. Contents under pressure. Follow good chemical hygiene practices to avoid these hazards.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	No

WARNING: This product may contain trace chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Signs and Symptoms of Exposure - Redness, tearing or burning in eyes. Dryness of skin. Nose, throat, and mouth irritation and soreness. Central nervous system effects of drowsiness, dizziness, fatigue or loss of coordination.

Medical Conditions Generally Aggravated by Exposure -Pre-existing skin conditions such as dermatitis may be adversely affected. Pre-existing liver or kidney disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.

Emergency and First Aid Procedures: EYES - Immediately 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 directed to do so by medical personnel. 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. Get medical attention. **SKIN -** Wash with soap and water. Remove contaminated clothing and shoes. If irritation develops and persists, consult 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 promptly. For large releases, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up with an absorbant material and put in a suitable container for proper disposal. Clean any residues from large spills with a suitable soap or detergent.

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. Offer for recycling if resources are available.

Precautions to be Taken in Handling and Storing -

Do not use around ignition sources such as heat, sparks, open flame, static electricity, welding arcs, etc. Do not get in eyes. Avoid contact with skin and clothing. Wash thoroughly after handling. Avoid directly inhaling mists. Store in a cool (under 120° F) dry location away from heat, sparks, open flame and direct sunlight.

Other Precautions -

Follow label directions carefully. Keep out of reach of children. Spray can in upright position only. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Do not use around any ignition sources such as heat, sparks, open flame, static electricity, welding arcs, etc. Do not puncture or incinerate container. Do not smoke while using.

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 -

Wear gloves if direct contact is possible

Eye Protection - Wear approved safety glasses or goggles if direct contact is possible.

Other Protective Clothing or Equipment -

Not usually needed. If direct contact is possible, wear apron, boots, face shield, etc. as 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.