

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

3

REACTIVITY

0

FLAMMABILITY

3

PERSONAL PROTECTION

A

Identity (As Used on Label and List)

13620 Natural Force Jelled Degreaser

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

November 15, 2000

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.)

Paraffinic solvent

64742-47-8

Not estab.

Not estab.

100 ppm Manu.

30 – 60 %

Propane

74-98-6

1000 ppm

Asphyxiant

7 – 13 %

* Diethylene glycol monobutyl ether

112-34-5

Not estab.

Not estab.

35 ppm– Manu.

5 – 10 %

* This product contains diethylene glycol monobutyl ether (a glycol ether compound) 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, Massachusetts, Michigan, New Jersey, New York, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point

Concentrate – initial

348 F

Specific Gravity (H O = 1)

Concentrate @70° F²

0.85

Pressure (psig. @ 70° F)

55 ± 5

Melting Point

No Data

Vapor Density (AIR = 1)

Greater than one (1)

Evaporation Rate (Butyl Acetate = 1)

No Data

Solubility in Water

Dispersible

pH

Not Applicable

Appearance and Odor -

Opaque tan lotion-like liquid with a citrus scent in an aerosol.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065)

Greater than 18; no flashback; flammable

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media -

Treat as an oil fire. Fire may float on water. Use dry chemical, foam or carbon dioxide.

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. Combustible contents. Vapors are heavier than air and may travel along the ground to remote sources of ignition causing them to burn.

SECTION V - Reactivity Data

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

Incompatibility (Materials to Avoid) – Strong oxidizers such as chlorine, permanganates and dichromates, strong alkalies, inorganic acids, inorganic bases, bleaching agents. May react with nitrites to form nitrosamines.

Hazardous Decomposition or Byproducts - Carbon dioxide, carbon monoxide, ammonia, amines, oxides of nitrogen, sulfur dioxide, hydrogen sulfide, 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. Harmful or fatal if swallowed. Contains petroleum distillates. Flammable liquid and vapor. Harmful if inhaled. May cause severe eye irritation. May cause skin irritation. Exposure to high concentrations of vapors may induce central nervous system effects. May be absorbed through intact skin. Follow good chemical hygiene practices to avoid these hazards.

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

Signs and Symptoms of Exposure -

Redness, tearing or burning in eyes. Redness, irritation, drying, burning or cracking skin. Allergic skin reactions may occur evidenced by blistering, scaling or other skin effects. Swallowing may cause vomiting, nausea, diarrhea. Inhaling mist or vapors may cause nose or throat irritation or induce anesthetic effects at high levels. Swallowing or inhaling large amounts may cause dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness or loss of coordination.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin, blood, liver, kidney or lung conditions may be adversely effected. Follow good chemical hygiene practices to avoid these hazards.

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** – Call a physician or poison control center immediately. Do not induce vomiting unless instructed by a physician. Get immediate 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. Note: Aspiration hazard if swallowed.

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. Remove all residues with an effective cleaning compound. 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 absorbant material. Put in a 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. Offer for recycling if resources are available.

Precautions to be Taken in Handling and Storing –

Do not swallow. Wash thoroughly after handling. Do not use around ignition sources such as heat, sparks, open flame, static electricity, electric motors, welding arcs, etc. Do not smoke while using. Do not inhale mist or vapors. Use with adequate ventilation. Do not get in eyes. Avoid contact with skin and clothing.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Replace cap when not in use. Do not puncture or incinerate container. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), follow NIOSH/MSHA recommendations.

Ventilation	Local Exhaust	Acceptable	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves -

Only if contact is possible.

Eye Protection -

Yes, goggles or approved safety glasses (ANSI Z87)

Other Protective Clothing or Equipment -

Not usually needed. Wear apron, boots, faceshield, gloves, 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.