

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: GREASE IT - AEROSOL
Product Use: PRESSURIZED GREASE
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7

Telephone Number: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

<u>Hazardous ingredients</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>Exposure limits</u>
Hexanes	64742-49-0	10 – 20 %	50 ppm ACGIH-TLV
Propane/Isobutane-n-butane	68476-86-8	10 - 20 %	800 ppm OSHA – PEL 1000 ppm ACGIH - TLV
Petroleum Hydrocarbon solvent	64742-47-8	1 – 10 %	100 ppm OSHA – PEL 100 ppm ACGIH - TLV

SECTION III - PHYSICAL DATA

Physical State: AEROSOL
Specific Gravity (20°C): 0.84
pH: 8.5 – 9.5
Vapour pressure (psig@21°C): 40.0 – 45.0
Vapour density (air = 1): > 1.0
Odour and appearance: WHITE AEROSOL LIQUID, SLIGHT AMINE ODOUR.
Odour threshold: Not available.
Evaporation rate (butyl acetate = 1): 1.
% volatile by volume: <30%.
Solubility in water: MISCIBLE.
Boiling point (C°): Not available.
Freezing point (C°): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: EXTREMELY FLAMMABLE
Flash point (C°): - 96 °C (propane)
Upper flammable limit: 9.5
Lower flammable limit: 0.7
Autoignition temperature: Not available.
Flammability classification: NFPA 30 B Rating: 2
Unusual fire and explosion hazards: VAPOUR CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. EXPOSURE TO TEMPERATURES ABOVE 50° C MAY CAUSE BURSTING.
Special fire fighting procedures: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Means of extinction: FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Hazardous production products: Not available.
Sensitivity to mechanical impact: Not available.
Sensitivity to static discharge: Not available.

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SECTION V - REACTIVITY DATA

Is the product stable? **STABLE.** Conditions to avoid: **EXCESS HEAT AND OPEN FLAME. DROPPING OF CONTAINERS MAY CAUSE BURSTING. EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY AND DEATH.** Incompatible substances: **STRONG OXIDIZERS.** Hazardous decomposition products: **THERMAL DECOMPOSITION CAN PRODUCE OXIDES OF CARBON.**

SECTION VI - TOXICOLOGICAL PROPERTIES

WHMIS CLASSIFICATION: CLASS B 6 FLAMMABLE AEROSOL. D 2 B SKIN, EYE AND RESPIRATORY TRACT IRRITANT.
Primary routes of exposure: **SKIN AND EYE CONTACT AND INHALATION. INGESTION IS UNLIKELY.** Effects of acute exposure: **EYE IRRITATION. IRRITATION OF THE SKIN ON PROLONGED CONTACT. INHALATION CAN CAUSE HEADACHE, DIZZINESS, NAUSEA, DECREASED BLOOD PRESSURE. CHANGES IN HEART RATE, AND CYANOSIS MAY RESULT FROM OVEREXPOSURE TO VAPOUR OR SKIN EXPOSURE. PROLONGED INHALATION MAY BE HARMFUL. MAY BE HARMFUL OR FATAL IF SWALLOWED.** Effects of chronic exposure: **PROLONGED EXPOSURE OR REPEATED SKIN CONTACT CAN RESULT IN DE-FATTING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS (RASH).**
Exposure limits: **SEE SECTION II FOR INGREDIENT EXPOSURE LIMITS.**
Irritant: **SKIN AND EYE IRRITANT.**
Sensitizer: **NOT KNOWN TO BE A SENSITIZER.**
Carcinogen: **NOT KNOWN TO BE A CARCINOGEN. NOT LISTED ON IARC, NTP, OSHA**
Mutagen: **NOT KNOWN TO BE A MUTAGEN.**

SECTION VII - PREVENTION MEASURES

Gloves: NONE REQUIRED FOR NORMAL USAGE – OTHERWISE CHEMICAL RESISTANT.	Respirator: NIOSH APPROVED RESPIRATOR FOLLOWING MANUFACTURER’S INSTRUCTIONS IF LIMITS ARE EXCEEDED.	Eye protection: NONE REQUIRED FOR NORMAL USAGE – OTHERWISE SAFETY GLASSES OR CHEMICAL GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS	Clothing: NO SPECIAL REQUIREMENTS.	Other: EYE WASH STATION.

Engineering controls: **USE WITH ADEQUATE VENTILATION. LOCAL VENTILATION RECOMMENDED.**
Leak and spill procedures: **ALLOW PROPELLANT TO EVAPORATE. MAINTAIN LOCAL EXHAUST AND ADEQUATE VENTILATION. NO SMOKING. KEEP SPARKS, HEAT SOURCES AND IGNITION SOURCES AWAY FROM SPILL OR LEAK. COVER WITH AN ABSORBENT MATERIAL AND SWEEP UP. WASH AREA TO PREVENT SLIPPING.** Waste disposal: **DISPOSE OF SOAKED ABSORBANT MATERIAL IN ACCORDANCE TO FEDERAL, PROVINCIAL AND MUNICIPAL REGULATIONS.**
Handling and storage requirements: **STORE IN A COOL, DRY PLACE AWAY FROM HEAT AND OPEN FLAME. DO NOT EXPOSE TO DIRECT SUNLIGHT OR STORE AT TEMPERATURES ABOVE 50 °C. DO NOT PUNCTURE OR INCINERATE CONTAINERS. KEEP OUT OF THE REACH OF CHILDREN.**
Special shipping information: **T.D.G. CONSUMER COMMODITY.**

SECTION VIII - FIRST AID MEASURES

Skin contact: **WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.**
Eye contact: **FLUSH EYES WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION**
Inhalation: **REMOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION AND CALL A PHYSICIAN IMMEDIATELY.**
Ingestion: **CALL A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING.**

SECTION IX - PREPARATION DATA

Information sources: **MANUFACTURER’S MSDS.** Prepared by: **SHARE CANADA**
Telephone Number: **(204) 633- 8553** Preparation Date: **JUNE 23, 2010**