

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: HI-TEMP RED GREASE AEROSOL
Product Use: HIGH TEMPERATURE GREASE
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 **Fax:** (204) 633-8453 **CANUTEC:** (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
Heptane	142-82-5	1 – 5 %	400 ppm	400 ppm
Hydrotreated Naptha Dist	64742-52-5	1 - 5 %	5 mg/m ³	5 mg/m ³
Propane / n Butane	68476-86-8	10 – 30 %	1000 ppm	600 ppm
Tetrachloroethylene	127-18-4	40 – 70 %	25 ppm	50 ppm

SECTION III - PHYSICAL DATA

Physical State: RED GREASE
Specific Gravity (20°C): 0.92. **pH:** Not available.
Vapour pressure (mmHg): Not available. **Vapour density (air = 1):** 1.0
Odour and appearance: RED GREASE. PETROLEUM ODOUR
Odour threshold: Not available. **Evaporation rate (butyl acetate = 1):** 1.0.
% volatile by volume: 49.0 **Solubility in water:** INSOLUBLE
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: FLAMMABLE AEROSOL.
Flash point (C°): GREATER THAN 93.3 °C. **Autoignition temperature:** Not available.
Upper flammable limit: 7.5. **Lower flammable limit:** 1.1.
Flammability classification: NFPA 30B Rating: 3
Conditions of flammability: FLAMMABLE. CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES EXCEEDING 50 °C MAY CAUSE CONTAINERS TO BURST. MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS.
Special fire fighting procedures: COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS.
Means of extinction: DRY CHEMICAL FIRE EXTINGUISHER.
Hazardous production products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.
Sensitivity to mechanical impact: Not sensitive. **Sensitivity to static discharge:** Not sensitive.

SECTION V - REACTIVITY DATA

Is the product stable? STABLE **Conditions of reactivity:** EXCESSIVE HEAT AND OPEN FLAME. DROPPING OF CONTAINERS MAY CAUSE BURSTING.
Incompatible substances: STRONG OXIDIZERS.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.

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SECTION VI - TOXICOLOGICAL PROPERTIES

WHMIS CLASSIFICATION: CLASS B FLAMMABLE AEROSOL
D 2 - OTHER TOXIC EFFECTS.

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION, INGESTION IS UNLIKELY .

Acute effects of overexposure: **EYES:** STRONG IRRITATION.

SKIN: MILD IRRITATION. MAY CAUSE LOCALIZED DEFATTING.

INHALATION: DIZZINESS WITH PROLONGED EXPOSURE LEADING TO UNCONSCIOUSNESS.

INGESTION: VOMITING, DIZZINESS, NAUSEA, INTESTINAL CRAMPING.

Exposure limits: SEE SECTION II FOR INGREDIENT EXPOSURE LIMITS

Irritant: SKIN AND EYE IRRITANT.

Sensitizer: NOT KNOWN TO BE A SENSITIZER.

Carcinogen: TETRACHLOROETHYLENE (CAS # 127-18-4 (OSHA, IARC).

Mutagen: NOT KNOWN TO BE A MUTAGEN

SECTION VII - PREVENTION MEASURES

Gloves: NOT REQUIRED	Respirator: IN THE PRESENCE OF HEAT, WEAR A NIOSH APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S INSTRUCTIONS.	Eye protection: SAFETY GOGGLES
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: TO PREVENT SKIN CONTACT.	Other: NO SPECIAL REQUIREMENTS.

Engineering controls: LOCAL VENTILATION RECOMMENDED.

Respiratory protection: USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOURS OR MISTS.

Leak and spill procedures: VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CONTAIN SPILL. SOAK UP SPILLED MATERIAL WITH INERT ABSORBENT MATERIAL AND PLACE IN A PROPERLY LABELED CONTAINER FOR PROPER DISPOSAL.

Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE OF CANS IN NON-INCINERATED TRASH ONLY.

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. WASH HANDS AFTER USE.

VAPOURS MAY COLLECT IN LOW-LYING AREAS. KEEP OUT OF THE REACH OF CHILDREN.

Special shipping information: NOT CONTROLLED UNDER T.D.G.

SECTION VIII - FIRST AID MEASURES

Skin contact: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Eye contact: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Inhalation: MOVE TO FRESH AIR. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. CALL A PHYSICIAN.

Ingestion: CONTACT A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY.

SECTION IX - PREPARATION DATA

Information sources: MANUFACTURER'S MSDS

Prepared by: SHARE CANADA

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