

MATERIAL SAFETY DATA SHEET

FICHE SIGNALÉTIQUE

CRC CANADA INC.

1246 LORIMAR DRIVE UNIT #2, MISSISSAUGA, ONT. (905) 670-2291 FAX (905) 670-5941

PRODUCT IDENTIFIER: Heavy Duty Degreaser (Bulk)
PART NO: 73096
PRODUCT USE: Cleaner

#73096, 73097, 73098
PROPER SHIPPING NAME: Perchloroethylene
UN NUMBER: 1897
TDG CLASS: 6.1 PG III
WHMIS CLASS: D2B

MANUFACTURED BY: CRC INDUSTRIES INC.
885 LOUIS DRIVE
WARMINSTER, PA. 18974
USA

EMERGENCY PHONE NUMBER:(613) 996-6666

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SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD 50 OF INGREDIENT (SPECIES & ROUTE)	LC 50 OF INGREDIENT (SPECIES & ROUTE)
Tetrachloroethylene	100	127-18-4	N.av	N.av

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid
BOILING POINT: <121°C
VAPOUR PRESSURE: N.av
EVAPORATION RATE: Rapid
ODOUR & APPEARANCE: Colourless liquid, irritating odour at high concentrations.
COEFF. WATER / OIL DIST.: Slight solubility in water. Good solvent for many organic materials.

SPECIFIC GRAVITY: 1.619
FREEZING POINT: N.av
VAPOUR DENSITY (AIR=1): N.av
PH: N.av

SECTION 4 - FIRE & EXPLOSION DATA

FLAMMABILITY: None
MEANS OF EXTINCTION: Water fog.
FLASH POINT (°C): None
FLAMMABILITY LIMITS (% BY VOLUME)
AUTOIGNITION TEMP.: N.av
SENSITIVITY TO STATIC DISCHARGE: N.av
HAZARDOUS COMBUSTION PRODUCTS : See HAZARDOUS DECOMPOSITION PRODUCTS.

UNDER WHAT CONDITIONS: None
METHOD: TCC, TOC, COC
UPPER: N.av **LOWER:** N.av
SENSITIVITY TO IMPACT: N.av

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: Stable.
INCOMPATIBILITY WITH OTHER SUBSTANCES: Avoid storage in aluminum containers or contact with aluminum or zinc powder.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal - hydrogen chloride, chlorine and some phosgene. Avoid open flames, arcs or high temps.
REACTIVITY AND UNDER WHAT CONDITIONS: N.av

PRODUCT IDENTIFIER: Heavy Duty Degreaser (Bulk)

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SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Skin, inhalation.**EFFECTS OF ACUTE EXPOSURE:** Eyes - causes pain and some irritation. Skin - irritation on repeated exposure. Inhalation - headaches, dizziness, anaesthesia, unconsciousness.**EFFECTS OF CHRONIC EXPOSURE:** Repeated overexposure has caused liver and kidney effects in animals.**EXPOSURE LIMITS:** TLV 25**CARCINOGENICITY:** Suspected carcinogen (tetrachloroethylene)**TERATOGENICITY:** None known**MUTANOGENICITY:** None known**IRRITANCY OF PRODUCT:** Eyes, skin**SYNERGISTIC PRODUCTS:** None known**REPRODUCTIVE TOXICITY:** None known**SENSITIZATION TO PRODUCT:** None known

SECTION 7 - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT**GLOVES:** Solvent resistant**FOOTWEAR:** No**RESPIRATOR:** Self contained above TLV.**ENGINEERING CONTROLS:** Use mechanical means to keep concentration below TLV.**LEAK & SPILL PROCEDURE:** Remove sources of ignition, ventilate, absorb with absorbent, place in closed container.**WASTE DISPOSAL:** Dispose of in accordance with Local, Provincial, and Federal Regulations.**HANDLING PROCEDURES & EQUIPMENT:** N.ap**STORAGE REQUIREMENTS:** Cool dry area**SPECIAL SHIPPING INFORMATION:** Perchloroethylene

Class 6.1 UN 1897 PG III

EYES (SPECIFY): Safety glasses**CLOTHING:** No

SECTION 8 - FIRST AID MEASURES

- 1. INHALATION :** Remove to fresh air, apply artificial respiration if necessary.
- 2. EYE :** Flush for 15 minutes with large amounts of water.
- 3. SKIN :** Wash affected area with soap and water. Remove contaminated clothing.
- 4. INGESTION :** **DO NOT INDUCE VOMITING.** Call physician or poison control centre.

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY: Adam Selisker**PHONE NUMBER:** (905) 670-2291**CRC#** 491G**DATE:** June 9, 2009**FAX NUMBER:** (905) 670-5941