

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: Brakleen (Aerosol)

PART NO: 75089

PRODUCT USE: Cleaner

PROPER SHIPPING NAME: N.ap

UN NUMBER: N.ap

TDG CLASS: N.ap

WHMIS CLASS: D1B,D2A,D2B

EMERGENCY PHONE NUMBER: (613) 996-6666

MANUFACTURED BY: CRC INDUSTRIES INC.

885 LOUIS DRIVE

WARMINSTER, PA. 18974

USA

PAGE 1 OF 2

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD 50 OF INGREDIENT (SPECIES & ROUTE)	LC 50 OF INGREDIENT (SPECIES & ROUTE)
Tetrachloroethylene	>95	127-18-4	2600 mg/kg oral rat	N.av
Carbon Dioxide	<5	124-38-9	N.av	N.av

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid

BOILING POINT: 121°C

VAPOUR PRESSURE: N.av

EVAPOURATION RATE: Rapid

ODOUR & APPEARANCE: Colourless liquid, irritating odour.

COEFF. WATER / OIL DIST.: Slight solubility in water.

SPECIFIC GRAVITY: 1.619

FREEZING POINT: N.av

VAPOUR DENSITY (AIR=1): N.av

PH: N.av

SECTION 4 - FIRE & EXPLOSION DATA

FLAMMABILITY: No

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: Reacts with zinc and aluminium powders.

PRODUCT IDENTIFIER: Brakleen (Aerosol)

75089

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 may cause liver and kidney effects.**EXPOSURE LIMITS:** TLV-TWA 25, TLV-STEL 100**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:** Consumer Commodity by road or rail only.**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: Michelle Rudnick**PHONE NUMBER:** (905) 670-2291**CRC#** 491G**DATE:** March 6, 2006**FAX NUMBER:** (905) 670-5941