



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

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**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
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## PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** BATTERY CLEANER & PROTECTOR

**PART NUMBER:** 74703

**DATE PREPARED:** APRIL 29, 2009

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**NFPA Rating:** Health:1 Flammability: 1 Reactivity: 0 Special: 0

**DOT HAZARD CLASSIFICATION:** ORM-D

**HMIS Rating:** Health:1 Flammability: 1 Reactivity: 0 PP:B

**NOTICE:** JUDGMENT BASED ON INDIRECT TEST DATA

## SECTION 1 – MATERIAL IDENTIFICATION INFORMATION

COMPONENTS- CHEMICAL NAMES / COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d

## SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

**BOILING POINT:** N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** Concentrate Only = 1.040

**VAPOR PRESSURE: PSIG @ 70°F (AEROSOLS):** Max. 60

**VAPOR PRESSURE (Non-Aerosols)(mm Hg / Temperature):** N/A

**VAPOR DENSITY (AIR = 1):** N/E

**EVAPORATION RATE (= 1):** N/E

**SOLUBILITY IN WATER:** Complete

**WATER REACTIVE:** No

**APPEARANCE AND ODOR:** Bright red foamy spray with slight amine odor.

## SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols):** NON-FLAMMABLE

**AUTO-IGNITION TEMPERATURE:** N/E

**FLAMMABILITY LIMITS IN AIR BY % IN VOLUME:** % LEL: N/E % UEL: N/E

**FLASH POINT AND METHOD USED (non-aerosols):** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus.

**EXTINGUISHER MEDIA:** Foam, dry chemical, carbon dioxide.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Do not expose aerosols to temperatures above 130°F or the container may rupture.

## SECTION 4 – REACTIVITY HAZARD DATA

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids & strong oxidizers.

**CONDITIONS TO AVOID:** Open flame, heat, sparks.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub> & Oxides of Nitrogen.

**SECTION 5 – HEALTH HAZARD DATA****PRIMARY ROUTES OF ENTRY:** INHALATION**ACUTE EFFECTS**

**INHALATION:** Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

**EYE CONTACT:** Possible mild irritation.

**SKIN CONTACT:** Mild irritant.

**INGESTION:** Possible chemical pneumonitis if aspirated into lungs.

**CHRONIC EFFECTS:** None known.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** May aggravate existing eye, skin, or upper respiratory conditions.**EMERGENCY FIRST AID PROCEDURES**

**EYE CONTACT:** Flush with water for 15 minutes. If irritated, seek medical attention.

**SKIN CONTACT:** Wash with soap and water. If irritated, seek medical attention.

**INHALATION:** Remove to fresh air. Resuscitate if necessary. Get medical attention.

**INGESTION:** *DO NOT INDUCE VOMITING.* Drink two large glasses of water. Get immediate medical attention.

**SECTION 6 – CONTROL AND PROTECTIVE MEASURES****RESPIRATORY PROTECTION (SPECIFY TYPE):** If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.**PROTECTIVE GLOVES:** Rubber, if skin easily irritated.**EYE PROTECTION:** Safety glasses recommended.**VENTILATION REQUIREMENTS:** Adequate ventilation to keep vapor concentration below TLV.**OTHER PROTECTIVE CLOTHING & EQUIPMENT:** None**HYGIENIC WORK PRACTICES:** Wash with soap and water before handling food. Remove contaminated clothing.**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations.**WASTE DISPOSAL METHODS:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.**PRECAUTIONS TO BE TAKEN IN HANDLING/ STORAGE:** Do not puncture or incinerate containers. Do not store at temperatures >130°F.**OTHER PRECAUTIONS &/OR SPECIAL HAZARDS:** *KEEP OUT OF REACH OF CHILDREN.* Avoid food contamination. Avoid breathing vapors.**OTHER INFORMATION****DISCLAIMER:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.**\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only**N/A — NOT APPLICABLE  
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED