



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: STARTING FLUID
PART NUMBER: 74109

DATE PREPARED: APRIL 23, 2009

PRODUCT TYPE: SPECIALTY

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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
HEPTANE	N/D	N/D	N/D	N/D	142-82-5
ETHER	N/D	N/D	N/D	N/D	60-29-7
CARBON DIOXIDE	N/D	N/D	N/D	N/D	134-38-9

** An asterisk (*) indicates the toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.*

SECTION 3 – HAZARDS IDENTIFICATION

NFPA RATING: HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 1 SPECIFIC: 0
HMIS RATING: HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 1 PERSONAL PROTECTION: B

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, SKIN,

EFFECTS OF OVEREXPOSURE:

INHALATION: Hexane may damage peripheral nerve tissue and result in muscular weakness. Overexposure has been suggested as a cause of central nervous system damage. Dizziness, weakness, fatigue and nausea.

INGESTION: Nausea.

SKIN CONTACT: Redness, burning, drying and cracking.

EYE CONTACT: Mild eye irritation, stinging and redness.

SECTION 4 – FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove person from area. If breathing is difficult, administer oxygen.

INGESTION: Keep person warm and calm, do not induce vomiting, get medical attention.

SKIN CONTACT: Remove contaminated clothing, wash skin with soap and water.

EYE CONTACT: Flush eyes with clean water while holding eye lids apart.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT: - 10°F

FLAMMABLE LIMITS: LEL: 1.0 UEL: N/D

EXTINGUISHING MEDIA: Regular foam or carbon dioxide or dry chemical.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode when fighting fires.

UNUSUAL AND EXPLOSION HAZARDS: Materials are slightly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, sparks, heaters, smoking, electric motor, static discharge or other ignition sources.

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: **Small:** Absorb liquid on paper vermiculate.

Large: Eliminate all ignition sources. Persons not wearing protective clothing should be excluded from area of spill.
Dike area of spill to prevent spreading.

SECTION 7 – HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Containers of this material may be hazardous when emptied since containers retain residue. All hazard precautions given must be observed.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: A NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control.

SKIN PROTECTION: Nitrile rubber protective gloves.

EYE PROTECTION: Chemical splash goggles.

OTHER EQUIPMENT: Impervious clothing and boots should be worn to prevent repeated or prolonged skin contact.

WORK HYGIENIC PRACTICES: Well ventilated area.

ENGINEERING CONTROLS: No data available.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT: 156°F

VAPOR PRESSURE PSIG at 70°F: 68°F

VAPOR DENSITY (AIR = 1): 3.0

SOLUBILITY IN WATER: 100%

PERCENT VOLATILE BY VOLUME: N/A

VOLATILE COMPONENTS: N/D

SPECIFIC GRAVITY (H₂O = 1): 0.680

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): 9.0

FORM: Liquid

APPEARANCE AND ODOR: Clear milky in color with very strong odor from ether

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide and carbon monoxide, various hydrocarbons.

SECTION 11 – TOXICOLOGICAL INFORMATION

EYE: No data available.

SKIN: No data available.

INGESTION: No data available.

INHALATION: No data available.

SUBCHRONIC: No data available.

CHRONIC CARCINOGENICITY

NTP: N/L

IARC MONOGRAPH: N/L

OSHA REGULATED: N/R

TERATOLOGY: No data available.

REPRODUCTION: No data available.

MUTAGENICITY: No data available

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

CHEMICAL FATE INFORMATION: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS: No data available.

WASTE DISPOSAL METHOD: Always dispose of materials in accordance with your local regulations, state and federal regulations.

SECTION 14 –TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)

D.O.T. CLASSIFICATION: Consumer Commodity ORM-D

D.O.T. SHIPPING NAME: None

SECTION 15 –REGULATORY INFORMATION

EXPOSURE LIMITS: No data available.

SECTION 16 –OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.