



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
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**FOR CHEMICAL
EMERGENCY**
Call ChemTrec day/night:
1-800-424-9300

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WASP & HORNET SPRAY
PART NUMBER: 74161

DATE PREPARED: FEBRUARY 4, 2010

PRODUCT TYPE: INSECTICIDE

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SECTION 2 — HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMS RATING: HEALTH: 1 FLAMMABILITY: 2 PHYSICAL HAZARD: 0 PPE: B
NFPA RATING: HEALTH: 1 FIRE: 2 REACTIVITY: 0

HAZARD RATING: 0: MINIMAL 1: SLIGHT 2: MODERATE 3: SEVERE 4: EXTREME

WHMIS CLASSIFICATION(S): Exempt under WHMIS.

WARNING: TOXIC BY INHALATION. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.
CONTENTS UNDER PRESSURE. CONTAINER MAY EXPLODE IF HEATED.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

LIKELY ROUTES OF EXPOSURE: Skin contact, eye contact, inhalation and ingestion.

EYE: May cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: Not a normal route of exposure. Harmful: may cause lung damage if swallowed.

INHALATION: TOXIC BY INHALATION. May cause respiratory tract irritation. May cause asphyxiation. This product may be aspirated into the lungs and cause chemical pneumonitis.

CHRONIC EFFECTS: Prolonged or repeated contact may dry skin and cause irritation.

SIGNS AND SYMPTOMS: Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Handling can cause dry skin. Vapors may cause drowsiness and dizziness.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Asthma. Allergies.

TARGET ORGANS: Skin, eyes, gastrointestinal tract, respiratory system.

This product is a "HAZARDOUS CHEMICAL" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

POTENTIAL ENVIRONMENTAL EFFECTS: May cause long-term adverse effects in the aquatic environment.
See Section 12 for more information.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS #	WT. %
DISTILLATES (PETROLEUM), hydro-treated light	64742-47-8	60 - 100
CARBON DIOXIDE	124-38-9	1 - 5

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED N/L — NOT LISTED

SECTION 4 — FIRST AID MEASURES

- EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses, if worn.
- SKIN CONTACT:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before re-use. Call a physician if irritation develops and persists.
- INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- INGESTION:** If swallowed, *DO NOT INDUCE VOMITING* unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- GENERAL ADVICE:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).
- NOTE TO PHYSICIANS:** Symptoms may not appear immediately.

SECTION 5 — FIRE-FIGHTING MEASURES

- FLAMMABILITY:** Not flammable by OSHA criteria.
- MEANS OF EXTINCTION:** Suitable Extinguishing Media: Powder, foam, carbon dioxide.
- UNSUITABLE EXTINGUISHING MEDIA:** Water.
- PRODUCTS OF COMBUSTION:** *May include, and are not limited to:* Oxides of carbon.

EXPLOSION DATA

- SENSITIVITY TO MECHANICAL IMPACT:** N/A
- SENSITIVITY TO STATIC DISCHARGE:** N/A
- PROTECTION OF FIREFIGHTERS:** Containers may explode when heated. Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 — ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
- ENVIRONMENTAL PRECAUTIONS:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination.
- METHODS FOR CONTAINMENT:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- METHODS FOR CLEAN-UP:** Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.
- OTHER INFORMATION:** N/A

SECTION 7 — HANDLING AND STORAGE

- HANDLING:** Keep away from sources of ignition. - *NO SMOKING*. Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Handle and open container with care. When using, do not eat or drink. Wash hands before eating, drinking, or smoking.
- STORAGE:** *KEEP OUT OF THE REACH OF CHILDREN*. Keep container in a well-ventilated place. Do not store at temperatures above 49°C / 120°F.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES ~ EXPOSURE LIMITS**

INGREDIENT	OSHA-PEL	ACGIH-TLV
DISTILLATES (PETROLEUM), <i>hydro-treated light</i>	100 ppm	200 mg/m ³
CARBON DIOXIDE	5000 ppm	5000 ppm

ENGINEERING CONTROLS: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: *HMS:* See Section 15

EYE/FACE PROTECTION: Wear eye/face protection.

HAND PROTECTION: Wear suitable gloves.

SKIN AND BODY PROTECTION: Wear suitable protective clothing.

RESPIRATORY PROTECTION: In case of insufficient ventilation, wear suitable respiratory equipment.

GENERAL HYGIENE CONSIDERATIONS: Handle according to established industrial hygiene and safety practices.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE: Clear

ODOR: Solvent

PHYSICAL STATE: Gas/Pressurized Liquid

VISCOSITY: N/A

BOILING POINT: N/A

EVAPORATION RATE: N/A

UPPER FLAMMABILITY LIMIT: N/A

VAPOR DENSITY: N/A

SOLUBILITY IN WATER: Insoluble

AUTO-IGNITION TEMPERATURE: N/A

VOC CONTENT, WT. %: 0.2% (US federal/CARB/OTC/LADCO)

COLOR: Colorless to light yellow

ODOR THRESHOLD: N/A

pH: N/A

FREEZING POINT: N/A

FLASH POINT: N/A

LOWER FLAMMABILITY LIMIT: N/A

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: 0.800 (Liquid Concentrate)

CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N/A

PERCENT VOLATILE, WT. %: N/A

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

CONDITIONS OF REACTIVITY: Heat. Incompatible materials.

INCOMPATIBLE MATERIALS: Oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: *May include, and are not limited to:* Oxides of carbon.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reaction known under conditions of normal use.

SECTION 11 – TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE ~ COMPONENT ANALYSIS

INGREDIENT	LD ₅₀ (ORAL)	LC ₅₀
DISTILLATES (PETROLEUM), <i>hydro-treated light</i>	> 5000 mg/kg, rat	N/A
CARBON DIOXIDE	N/A	N/A

EYE: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

SKIN: May cause skin irritation. Handling can cause dry skin.

INGESTION: Not a normal route of exposure. *HARMFUL:* May cause lung damage if swallowed.

INHALATION: *TOXIC BY INHALATION.* May cause respiratory tract irritation. May cause asphyxiation. This product may be aspirated into the lungs and cause chemical pneumonitis. Vapors may cause drowsiness and dizziness.

EFFECTS OF CHRONIC EXPOSURE

TARGET ORGANS: N/A

CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture): May cause cardiac abnormalities, central nervous system depression, lung, kidney or liver damage, inhibits cholinesterase.

CARCINOGENICITY: Not hazardous by WHMIS/OSHA criteria.

INGREDIENT	CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN*
DISTILLATES (PETROLEUM), <i>hydro-treated light</i>	I -3, G-A3
CARBON DIOXIDE	N/L

* See Section 15 for more information.

MUTAGENICITY: Not hazardous by OSHA criteria.

REPRODUCTIVE EFFECTS: Not hazardous by OSHA criteria.

DEVELOPMENTAL EFFECTS

TERATOGENICITY: Not hazardous by OSHA criteria.

EMBRYOTOXICITY: Not hazardous by OSHA criteria.

RESPIRATORY SENSITIZATION: Not hazardous by OSHA criteria.

SKIN SENSITIZATION: Not hazardous by OSHA criteria.

TOXICOLOGICALLY SYNERGISTIC MATERIALS: N/A

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: May cause long-term adverse effects in the aquatic environment

PERSISTENCE / DEGRADABILITY: N/A

BIOACCUMULATION / ACCUMULATION: N/A

MOBILITY IN ENVIRONMENT: N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS: This material must be disposed of in accordance with all local, state, provincial and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT CLASSIFICATION: ORM-D

TDG CLASSIFICATION: Limited Quantity

SECTION 15 – REGULATORY INFORMATION

FEDERAL REGULATIONS

CANADIAN: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US: MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200).

SARA TITLE III

INGREDIENT	SECTION 302 (EHS) TPQ (LBS.)	SECTION 304 EHS RQ (LBS.)	CERCLA RQ (LBS.)	SECTION 313
DISTILLATES (PETROLEUM), <i>hydro-treated light</i>	N/L	N/L	N/L	N/L
CARBON DIOXIDE	N/L	N/L	N/L	N/L

STATE REGULATIONS

CALIFORNIA PROPOSITION 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

GLOBAL INVENTORIES

INGREDIENT	CANADA DSL/NDSL	USA TSCA
DISTILLATES (PETROLEUM), <i>hydro-treated light</i>	DSL	Yes
CARBON DIOXIDE	DSL	Yes

HMIS RATING: HEALTH: 1 FLAMMABILITY: 2 PHYSICAL HAZARD: 0 PPE: B
NFPA RATING: HEALTH: 1 FIRE: 2 REACTIVITY: 0

HAZARD RATING: 0: MINIMAL 1: SLIGHT 2: MODERATE 3: SEVERE 4: EXTREME

WHMIS CLASSIFICATION(S): Exempt under WHMIS

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O): Occupational Safety and Health Administration.

ACGIH (G): American Conference of Governmental Industrial Hygienists.

- A1:** Confirmed human carcinogen.
- A2:** Suspected human carcinogen.
- A3:** Animal carcinogen.
- A4:** Not classifiable as a human carcinogen.
- A5:** Not suspected as a human carcinogen.

IARC (I): International Agency for Research on Cancer.

- 1:** The agent (mixture) is carcinogenic to humans.
- 2A:** The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B:** The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3:** The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4:** The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N): National Toxicology Program.

- 1:** Known to be carcinogens.
- 2:** Reasonably anticipated to be carcinogens.

SECTION 16 – 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. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.