

MATERIAL SAFETY DATA SHEET

CHEMCO INDUSTRIES, INC.
5731 Manchester Ave., St. Louis, MO 63110



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GENERAL INFORMATION # : 314-647-1888
EMERGENCY TELEPHONE # : (800) 854-4236

I-PRODUCT IDENTIFICATION

WEED-O-KILL

PRODUCT CODE: #265

CHEMICAL FORMULATION: SOIL STERILANT & WEED KILLER, RTU

NFPA HAZARD IDENTIFICATION SYSTEM: TOXICITY: 2 FIRE: 2 REACTIVITY: 0 SPECIAL: 0

HAZARD RATING: 4- Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

| Hazardous Components (Specific Chemical Identity; Common Name (s)) | CAS # | OSHA PEL | ACGIHTLV | Other Limits | |
|--|------------|----------|----------|--------------|------------|
| | | | | Recommended | % optional |
| 2,4-D DICHLOROPHENOXYACETIC ACID, (ISOOCTYL ESTER) | 94-75-7 | 10mg/m3 | | | 1.09 |
| BROMACIL (5-BROMO-3-SEC-BUTYL-6-METHYLURACIL) | 314-40-9 | | 10 | | 0.98 |
| MIXED ALIPHATIC HYDROCARBONS | 68476-30-2 | | 500ppm | | 92.67 |
| 2,4 DICHLOROPHENOXYACETIC ACID EQUIVALENT TO 0.72% | | | | | 5.06 |

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

| | |
|--|-------------------------------------|
| BOILING POINT (C/F): 325 | MELTING POINT: |
| VAPOR PRESSURE (mm Hg.)@20C 1.0 | SPECIFIC GRAVITY (WATER = 1): 0.874 |
| CORROSION RATE: | LBS PER GALLON: 7.28 |
| VAPOR DENSITY (AIR = 1): 6.0 | VOC CONTENT (% by weight): |
| SOLUBILITY IN WATER: LESS THAN 0.1% NEGLIBLE | EVAPORATION RATE (Water = 1): |
| | pH: |
| APPEARANCE AND ODOR: CLEAR BROWN THIN LIQUID CHARACTERISTIC PUNGENT SOLVENT ODOR | |

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F/C): 150 (TEST METHOD):
FLAMMABLE LIMITS: N/A UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: AVOID EXPOSURE TO FUMES OR VAPORS. EVACUATE NONESSENTIAL PERSONNEL FROM AREA. WEAR SELF-CONTAINED POSITIVE PRESSURIZED BREATHING APPARATUS MSHA/NIOSH APPROVED OR EQUIVALENT

UNUSUAL FIRE AND EXPLOSION HAZARD: KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. USE WATER SPRAY TO COOL ADJACENT FIRE EXPOSED CONTAINER. COMBUSTIBLE. PREVENT USE OF AREA UNTIL PROPERLY DECONTAMINATED.

V - REACTIVITY DATA

| | |
|--|---|
| STABILITY: | STABLE |
| INCOMPATIBILITY: | STRONG OXIDIZING AGENTS; WATER |
| CONDITIONS TO AVOID: | KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. |
| HAZARDOUS DECOMPOSITION OR BYPRODUCTS: | IF BURNED, NORMAL COMBUSTION PRODUCTS; CARBON DIOXIDE & CARBON MONOXIDE; NITROUS OXIDES HYDROGEN CHLORIDE |
| HAZARDOUS POLYMERIZATION: | WILL NOT OCCUR |
| CONDITIONS TO AVOID: | NONE |

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VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? YES SKIN? YES INGESTION? YES
HEALTH HAZARDS (ACUTE & CHRONIC): HARMFUL OR FATAL IF SWALLOWED AND/OR ASPIRATED INTO LUNGS.
CONSULT LABEL!

CARCINOGENICITY? YES NTP? YES IARC MONOGRAPHS? YES OSHA REGULATED? YES

EFFECTS OF OVEREXPOSURE

IF IN EYES: MAY CAUSE BURNS AND IRRITATION

IF ON SKIN: MAY CAUSE BURNS AND IRRITATION

IF SWALLOWED: HARMFUL OR FATAL IF SWALLOWED AND/OR ASPIRATED INTO LUNGS.

IF INHALED: DIZZINESS, HEADACHE LOSS OF CONSCIOUSNESS

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH WITH FLOWING WATER FOR 15 MINUTES & SEE PHYSICIAN.

IF ON SKIN: WASH WITH SOAP & WATER

IF SWALLOWED: GIVE MILK OR WATER TO DILUTE MATERIAL & DO NOT INDUCE VOMITING. SEE PHYSICIAN IMMEDIATELY

IF INHALED: REMOVE TO AREA OF FRESH AIR. IF BREATHING HAS STOPPED, APPLY SUITABLE ARTIFICIAL RESPIRATION METHODS. GET MEDICAL HELP.

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: SOAK UP & ABSORB SPILL ON DIATOMACEOUS EARTH, SAWDUST OR OTHER INERT MATERIAL. DIKE LARGE SPILLS & PUMP TO SUITABLE CONTAINERS FOR DISPOSAL
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: PREFERRED Mechanical (General): AT POINT OF VAPOR, MIST RELEASE
Other: AVOID BREATHING OF VAPOR OR SPRAY Special: N/A

RESPIRATORY PROTECTION: NONE REQUIRED

PROTECTIVE GLOVES: IMPERVIOUS RUBBER, SOLVENT RESISTANT

EYE PROTECTION: SPLASH PROOF CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT: IMPERVIOUS RUBBER BOOTS & APRON. EYEWASH FACILITIES SAFETY SHOWER

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: WARNING KEEP OUT OF REACH OF CHILDREN
DO NOT CONTAMINATE WATER, FOOD OR FEED. AVOID ALL CONTACT

OTHER PRECAUTIONS: DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID ENTRY INTO SEWERS OR NATURAL WATERS. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

WORK/HYGIENIC PRACTICES : PRACTICE GOOD PERSONAL HYGIENE. WASH AFTER HANDLING. SHOWER AT END OF WORK PERIOD.

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