

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

WEED-X

PRODUCT CODE: #264

CHEMICAL FORMULATION: SOIL STERILANT & WEED KILLING CONCENTRATE

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: FLAMMABILITY: REACTIVITY:

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	ACGIH TLV	Other Limits	
				Recommended	% optional
PROMETON					

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.)Psig 1.0 SPECIFIC GRAVITY (WATER = 1): 0.882
VAPOR DENSITY (AIR = 1): 6.0 % VOLATILE BY VOLUME
SOLUBILITY IN WATER: EMULSIFIABLE EVAPORATION RATE (Water = 1): G.T 1.0
pH: 7.0
APPEARANCE AND ODOR:

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F/(C): 158 TCC (TEST METHOD):
FLAMMABLE LIMITS: UPPER: 7.5 LOWER: 0.6
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: AVOID EXPOSURE TO FUMES OR VAPORS. EVACUATE NONESSENTIAL PERSONAL FROM AREA. WEAR IMPERVIOUS CLOTHING. 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 CONTAINED 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 FLAMES
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? SKIN? INGESTION?
HEALTH HAZARDS (ACUTE & CHRONIC):

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

EFFECTS OF OVEREXPOSURE

IF IN EYES: BURNS OR IRRITATION

IF ON SKIN: BURNS OR IRRITATION

IF SWALLOWED:

IF INHALED:

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
Special: N/A Other: AVOID BREATHING OF VAPOR OR SPRAY

RESPIRATORY PROTECTION: NIOSH APPROVED RESPIRATOR TO MAINTAIN TLV

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 THE END OF WORK PERIOD.

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