

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

| IDENTITY AND DISTRIBUTOR'S INFORMATION  |   |
|---|---|
| NFPA Rating: Health-2; Flammability-2; Reactivity-0; Special- -<br>Manufactured For: Empire Industries<br>Address: 312 Swynford Ct.<br>Address: Brentwood, TN 37027 | HMIS Rating: Health-2; Flammability-2; Reactivity-0; Personal Protection-B<br>DOT Hazard Classification: Combustible Liquid 3<br>Identity (trade name as used on label): WEED GATOR |
| Phone: (866) 553-6747   | MSDS Number: R 584      Revision - 8  |
| Emergency Response Number: (615) 969-8106   | Date Prepared: 26 February 1996      Prepared By: ES/IB<br>Information Calls: (770)422-2071   |
| <b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>  |   |

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES<br>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | CAS Number | SARA<br>III LIST | OSHA PEL<br>(ppm) | ACGIH<br>TLV (ppm) | Carcinogen<br>Ref. Source ** |
|---|------------|------------------|-------------------|--------------------|------------------------------|
| HEAVY AROMATIC NAPHTHA  | 64742-94-5 | No               | N/E               | N/E                | d                            |
| OCTYL PHENOL POLYETHOXY ETHANOL   | 9036-19-5  | No               | N/E               | N/E                | d                            |
| 5-BROMO-3-SEC BUTYL METHYLURACIL  | 314-40-9   | No               | 10mg/m3           | 10mg/m3            | d                            |
|   |            |                  |                   |                    |                              |
|   |            |                  |                   |                    |                              |

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

|  |   |
|--|---|
| Boiling Point: N/D   | Specific Gravity (H2O=1): .88-.92                         |
| Vapor Pressure: PSIG @ 70°F (Aerosols): N/A                      | Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D |
| Vapor Density (Air = 1): N/D                                     | Evaporation Rate ( = 1): N/D                              |
| Solubility in Water: Dispersible                                 | Water Reactive: No  |
| Appearance and Odor: Brown semi-opaque fluid with aromatic odor. |   |

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

|   |                                  |  |
|---|----------------------------------|--|
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A  | Auto Ignition Temperature<br>N/D | Flammability Limits in Air by % in Volume:<br>% LEL: N/D      % UEL: N/D   |
| FLASH POINT AND METHOD USED (non-aerosols): 155°F TCC   |                                  | SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined space without full bunker gear including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water. |
| EXTINGUISHER MEDIA: Carbon dioxide, sand, dry chemical, water fog.                                      |                                  |  |
| Unusual Fire & Explosion Hazards: Oxidation & thermal decomposition can liberate noxious & toxic fumes. |                                  |  |

## SECTION 4 - REACTIVITY HAZARD DATA

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| STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE                                     | HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR |
| Incompatibility (Mat. to avoid): Strong oxidizing agents.  | Conditions to Avoid: Excessive heat, sparks, open flame.  |
| Hazardous Decomposition Products: Oxides of carbon & nitrogen, hydrogen chloride, hydrogen bromide, unidentified organics. |   |

## SECTION 5 - HEALTH HAZARD DATA

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| PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS |   |
| ACUTE EFFECTS: CNS symptoms: giddiness, headache, dizziness, nausea, unconsciousness.  |   |
| Inhalation: High vapor or spray mist concentrations may produce nose, throat & respiratory irritation & may cause CNS depression (see symptoms above).   |   |
| Eye Contact: Liquid is slightly irritating. High vapor concentrations may be irritating. See also above.   | Skin Contact: Prolonged or repeated contact can result in defatting of skin, irritation and dermatitis. See also above. |
| Ingestion: Highly toxic, may result in vomiting. Aspiration of vomitus may result in pneumonitis. See also above.  |   |
| CHRONIC EFFECTS: None Known  |   |
| Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders.   |   |

## EMERGENCY FIRST AID PROCEDURES

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| Eye Contact: Flush with water for 15 minutes, while holding lids open. Get medical attention.  |
| Skin Contact: Immediately remove contaminated clothing. Wipe excess from skin. Wash with soap and water. If exposure is massive or visual or prolonged, get medical attention.   |
| Inhalation: Remove to fresh air. If CNS symptoms occur, get medical attention.   |
| Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. |

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

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| Respiratory Protection (specify type): Avoid prolonged or repeated breathing of vapors or spray mist. Respirator not required with adequate ventilation.                       |
| Protective Gloves: Chemical resistant.   |
| Eye Protection: Safety glasses or goggles as appropriate.  |
| Ventilation Requirements: Normal room ventilation is adequate for normal handling & storage. For large spills, use explosion-proof ventilation to control vapor concentration. |
| Other Protective Clothing & Equipment: Eyewash stations & safety showers. Chemical resistant clothing as needed to minimize contact.   |
| Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling. Launder contaminated clothing before reuse.                                       |

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Do not contaminate sewers, ground waters or surface waters. Soak up with inert absorbent material & place into properly labeled & sealed non-leaking containers for disposal in authorized manner as hazardous waste. |
| Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.  |
| Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme cold. Keep away from sources of heat, sparks or open flame.   |
| Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not cut or weld on full, part full or empty drums because explosive mixtures of air & vapor may be present.  |

*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