MATERIAL SAFETY DATA SHEET

Vendetta Herbicide

I. NAME
PRODUCT/TRADE NAME: Vendetta Herbicide
EPA REGISTRATION #: 2935-552
CHEMICAL NAME/COMMON NAME:
Octanoic acid ester of bromoxynil/Bromoxynil
Isooctyl Ester or 2 Methyl 4 Chlorophenoxyacetic Acid/MCPA Ester
Aromatic Solvent/Naphthalene

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromoxynil</td>
<td>1689-99-2</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Isooctyl Ester of MCPA</td>
<td>29450-45-1</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>91-20-3</td>
<td>10 ppm</td>
<td>10 ppm</td>
</tr>
</tbody>
</table>

III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): 1.148
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NE
% VOLATILES BY VOL.: NE
ODOR: Phenolic
APPEARANCE: Amber Liquid
SP ECIFIC GRAVITY (H2O = 1): 1.148
SOLUBILITY IN H2O: Soluble
VAPOR PRESSURE (mmHg): NE
FLASH POINT/METHOD: >200 Deg. F
APPEARANCE: Amber Liquid
ODOR: Phenolic
%
V. CARCINOGEN STATUS

[ ] OSHA       [ ] NTP       [X] IARC       [ ] No Listing       Type 3

VI. REACTIVITY

[X] Stable        HAZARDOUS POLYMERIZATION
[ ] Unstable       [ ] May Occur       [X] Will Not Occur

AVOID: Oxidizers, Mineral acids and Bases

HAZARDOUS DECOMPOSITION PRODUCTS: COx, NOx, HCL

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory protective equipment. Absorb with inert material. Vacuum or sweep material up and place in an approved disposal container.

DECONTAMINATION: Treat contaminated area with detergent and water. Absorb with inert material and place in disposal container. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Place in DOT-approved container and dispose of in an EPA Class I disposal site.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD50 (rats) 400 mg/kg (Bayer*). Do not ingest. Wash before eating, drinking or smoking; Do not store near food or feed.

INHALATION: No PEL/TLV established for this product. Avoid inhalation of vapors or spray mist. Use appropriate respiratory protection for exposures encountered.

SKIN ABSORPTION: Dermal LD50 (rats) 5050 mg/kg (Bayer*). Avoid skin contact. Wear appropriate personal protective equipment to reduce skin exposure.

EYE EXPOSURE: Keep out of eyes. Can cause corneal injury. If exposed, flush eyes for a minimum of 15 minutes with water.

EFFECTS OF OVEREXPOSURE: May irritate respiratory and gastrointestinal tract. Symptoms of overexposure are abdominal pain, diarrhea, vomiting, muscle twitching, stiffness, sweating and convulsions. Can be fatal. Chronic exposure may result in liver, kidney, blood or testicular injury. Preexisting conditions involving the above symptoms may be aggravated by the exposure to this product.

FIRST AID: In all cases, get prompt medical attention. If ingested, give large amounts of water. Do not induce vomiting. For eye exposure, irrigate for a minimum of 15 minutes with water. For skin exposure, remove contaminated clothing and wash with soap and water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for pesticides for the exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber boots, neoprene or nitrile gloves, chemical goggles, apron, hat and long-sleeved coveralls. For manufacture, formulation or application operations, recommend a shower at the end of the work shift.

VENTILATION: Local exhaust ventilation is recommended for manufacture or formulation. Store in a well-ventilated area. Allow closed trucks adequate time to ventilate prior to entering.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

STORAGE AND HANDLING: Store at a temperature above 3°F. If allowed to freeze, remix before using.

XI. REGULATORY DATA

SARA HAZARD CLASS: [X] Acute       [X] Chronic       [ ] Flammable
                   [ ] Pressure       [ ] Reactive       [ ] None
SARA 313: [X] Yes       [ ] No
Chemical: Bromoxynil, Naphthalene
SARA 302: [ ] Yes       [X] No
Chemical:  Naphthalene
TPQ: 100 Pounds*
CERCLA: [X] Yes       [ ] No
Chemical:  Naphthalene
RCRA: [X] Yes       [ ] No

NFPA HAZARD RATING:    NFPA HAZARD RATING SCALE:
Health: [2]          0 = Minimal       3 = Serious
Fire: [1]            1 = Slight       4 = Severe
Reactivity: [0]         2 = Moderate
Special: [ ]

HIMS CODES:    HIMS HAZARD RATING SCALE:
Health: [2]          0 = Minimal       3 = Serious
Fire: [1]            1 = Slight       4 = Severe
Reactivity: [0]         2 = Moderate

DATE PREPARED: 12/29/2010
REVISED DATE: 12/29/2010

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*Technical Material  NE - Not Established  NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300