Material Safety Data Sheet

Product Name: Acme/Gordon's Vegetation Killer

1. Basic Information:

Manufacturer: PBI/Gordon Corporation
Address: 1217 West 12th Street
City, State Zip: Kansas City, MO 64101-1407
Information Contact: Environmental, Health, & Safety Dept.
Information Telephone Number: (816)421-4070
Emergency Contact: Chemtrec
Emergency Telephone Number: (800)424-9300
Last Update: 5/18/2005
Chemical State: Liquid X, Gas, Solid
Chemical Type: Pure, Mixture

2. Ingredients:

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
<th>% Range</th>
<th>EHS</th>
<th>IARC</th>
<th>SARA 313</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>95636</td>
<td>1,2,4-Trimethylbenzene</td>
<td>15.25%</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>NI</td>
<td>25 ppm</td>
</tr>
<tr>
<td>1610180</td>
<td>2,4-bis(Isopropylamino)-6-methoxy-s-triazine</td>
<td>3.60%</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>NI</td>
<td>Ni</td>
</tr>
<tr>
<td>94757</td>
<td>2,4-Dichlorophenoxyacetic acid (2,4-D)</td>
<td>1.00%</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>10 mg/m3</td>
</tr>
<tr>
<td>8008206</td>
<td>Kerosene</td>
<td>28.60%</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>100 ppm</td>
</tr>
<tr>
<td>64742956</td>
<td>Petroleum solvent</td>
<td>40.22%</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>N</td>
<td>500 ppm</td>
</tr>
<tr>
<td>126738</td>
<td>Tributyl phosphate</td>
<td>&lt;3.00%</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>1330207</td>
<td>Xylene (mixed isomers)</td>
<td>1.43%</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

3. Hazardous Identification:

Hazard Catagory: X Acute X Chronic X Fire Pressure Reactive

Hazardous Information:
The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for carcinogenicity in humans.) The US EPA has given the chlorophenoxy herbicides 2,4-D, 2,4-DP, MCPP, and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen.

4. First Aid Measures:

Route(s) of Entry:
Skin contact, Inhalation, Ingestion.

Health Hazards (Acute and Chronic):
EYES: Corrosive. Cause severe irritation and burning.
SKIN: Corrosive. Moderately to severely irritating to the skin; may be absorbed through the skin.
INHALATION: Moderately irritating to the mucous membranes. Inhalation of sprays may cause burning sensations in the respiratory tract, resulting in coughing. Overexposure by inhalation may cause cardiac sensitization, including arrhythmias and death due to cardiac arrest.
INGESTION: May cause vomiting, with pain in the chest and abdomen.

First Aid Measures (Continued)

and diarrhea.

CHRONIC EFFECTS: Repeated or prolonged overexposure to solvents may cause damage to liver and kidneys; and permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Overexposure may cause systemic toxicity, including adverse effects to blood, CNS, eyes and fetus.

REPRODUCTIVE TOXICITY: This product contains a component(s) which may cause adverse reproductive and/or developmental effects. Pregnant women may be at an increased risk from exposure. Consumption of alcoholic beverages may enhance toxic effects.

Signs and Symptoms:
Inhalation may cause burning in the chest, with coughing. Prolonged inhalation sometimes causes dizziness. Ingestion usually leads to vomiting.

Medical Conditions Generally Aggravated by Exposure:
Individuals with chronic skin disease or known sensitivity to chlorophenoxy compounds should either avoid using them or take strict precautions to avoid contact. (respirator, gloves, etc.)

Emergency First Aid Procedure:
IN CASE OF EYE CONTACT: Wash with water for at least 15 minutes and seek medical attention.

IN CASE OF SKIN CONTACT: Wash with plenty of soap and water. Get medical attention if skin irritation persists.

IF INGESTED: Do not induce vomiting. Drink milk, egg whites or gelatin; if not available, drink plenty of water. Avoid alcohol.
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MSDS No.: 918-5 Version No.: 013
EPA Registration No.: 33955-454

Exposure Controls/Personal Protection (Continued)

RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a NIOSH approved respirator with any R, P or HE filter.

9. Physical and Chemical Properties:

Boiling Point: >240°F Melting Point: NI
Evaporation Rate (Butyl Acetate = 1): <1
Vapor Pressure (mm Hg.): <10@25°C
Vapor Density (Air = 1): >1
Specific Gravity (H2O = 1): 0.87470
Solubility in Water: Emulsifiable.
Appearance and Odor: Amber liquid; solvent odor.

10. Stability and Reactivity:

Stability: Stable.
Incompatibility (Materials to Avoid): None known.
Decomposition/By-Products: May produce gases such as HCl when burning.
Hazardous Polymerization: Will not occur.

11. Toxicological Information:

Acute dermal LD50: >2010 mg/kg (rabbit)
Oral LD50: >2430 mg/kg (rats)

12. Ecological Information:

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater. Apply this product only as specified on this label.

13. Disposal Considerations:

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspapers and discard in trash.
CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

14. Transport Information:

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Freight Class: Herbicides, NOI - NMFC #50320
In our current available sizes, this product does not qualify as a Hazardous Material.
15. Regulatory Information:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

CERCLA REPORTABLE QUANTITY: 6993 pounds of the formulation which contains 100 pounds of Xylene

SARA TITLE III:
   SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None
   SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard, Delayed Health Hazard, Fire Hazard
   SECTION 313 TOXIC CHEMICALS: 2,4-D CAS# 94-75-7, Xylene CAS# 1330-20-7

RCRA STATUS: When discarded in its purchased form, this product is a listed RCRA hazardous waste and should be managed as a hazardous waste. (40 CFR 261.20-24)

16. Other Information:

REASON FOR ISSUE: To correct the EPA Reg. No.

NOTE: NI means not indicated.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.