PRODUCT INFORMATION

PRODUCT IDENTIFIER: Nutricote 18-6-8 Controlled Release Fertilizer with micronutrients
MANUFACTURER: CHISSO - ASAHI FERTILIZER CO.,
               TOKYO, JAPAN
EMERGENCY PHONE NO.: 1-613-996-6666
PRODUCT USE: Controlled release fertilizer for plants

HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS/N.A./UN No.</th>
<th>%</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Nitrate</td>
<td>CAS 7757-79-1</td>
<td>19.1</td>
<td>ND</td>
</tr>
<tr>
<td>Ammonium Nitrate</td>
<td>CAS 6482-52-2</td>
<td>43.2</td>
<td>4820mg/kg</td>
</tr>
<tr>
<td>Resin coating</td>
<td></td>
<td>8-12</td>
<td></td>
</tr>
</tbody>
</table>

PHYSICAL DATA

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odour Threshold</th>
<th>Evaporation Rate</th>
<th>Freezing Point</th>
<th>Odour Appearance</th>
<th>Specific Gravity</th>
<th>Vapour Density</th>
<th>Boiling Point</th>
<th>Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>NA</td>
<td>ND</td>
<td>NA</td>
<td>Grey prills</td>
<td>1.8</td>
<td>ND</td>
<td>NA</td>
<td>1g/ml</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

FIRE AND EXPLOSION HAZARD

Flammability: Non-Flammable
Means of Extinction: Use flooding quantities of water. Do not use water jet. Wear SCBA and full protective clothing. This material is an oxidizer and therefore increases the intensity of any fire.
Flashpoint: NA
UEL: NA
LEL: NA
Auto-Ignition Temperature: ND
TDG Flammability Class: Non-Flammable
Hazardous Combustion Products: Toxic fumes of NOx emitted when heated to decomposition.

REACTIVITY DATA

Chemical Stability: Stable
Incompatibility: Reducing agents, organics
Conditions of Reactivity: Moist, wet conditions or fire
Hazardous Decomposition Products: Oxides of Nitrogen, heat.

TOXICOLOGICAL PROPERTIES

Route of Entry/Effects of Acute or Chronic Exposure:

Skin Contact: No known effects
Skin Absorption: Not known to be absorbed through the skin.
Eye Contact: No known effects
Inhalation: Very low vapor activity. If heated could release oxides of Nitrogen which can be toxic by inhalation.
Ingestion: Excessive ingestion must occur before any health hazard results. Effects of overexposure may include nausea, vomiting, diarrhea, weakness or convulsions.
Exposure Limits: ND
Synergistic Products: ND
Sensitization/Irritancy: Non-Irritating
Carcinogenicity/Teratogenicity/Mutagenicity/Reproductive Effects: None known

PREVENTIVE MEASURES

Personal Protective Equipment:
Respiratory: None needed under normal use conditions.
Eyes: None needed
Gloves: None needed
Engineering Controls: None needed

Spill Procedure: Sweep up and apply as fertilizer
Disposal: Dispose of in non-crop areas away from waterways, in accordance with federal and local regulations.

Handling Procedures and Equipment: No special handling procedures required.
Storage Requirements: Keep out of reach of children. Store in a dry place. Provide adequate ventilation.

Shipping Information:
Shipping Name: Ammonium nitrate mixed fertilizers
UN Number: 2069
Placard: 5 Oxidizer

FIRST AID MEASURES

Skin: Wash with soap and water.
Eyes: Flush immediately with large amount of water.
Inhalation: If fumes are inhaled from heated fertilizer and breathing has stopped begin artificial respiration. If breathing is laboured give oxygen. Seek medical attention.
Ingestion: For large amounts seek medical attention immediately. Induce vomiting if patient is conscious.

ADDITIONAL INFORMATION

Preparation Information

Department: Technical
Phone No.: 1-416-793-7000
Date: March 20, 1989
ND - NOT DETERMINED
NA - NOT APPLICABLE

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COMPAS Code: 11690080