Material Safety Data Sheet

SECTION 1 -

Manufacturer's Name: Autotype International Limited
Address: Grove Road, WANTAGE,
City, State, and ZIP: Oxfordshire. OX12 7BZ
Phone No. 011 44 235 770063
Other Information Call 011 44 235 771111 or 312-303-5900
Signature of Person Responsible for Preparation (Optional)
Date Prepared: May 1989

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

<table>
<thead>
<tr>
<th>Hazardous Component(s) (chemical &amp; common name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Exposure Limits</th>
<th>% (optional)</th>
<th>CAS NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Orthophosphoric acid H₃PO₄</td>
<td>-</td>
<td>1mg/m³</td>
<td></td>
<td>40%</td>
<td>7664382</td>
</tr>
</tbody>
</table>

ID50 1530mg/Kg Oral - Rat (pure acid)

SARA TITLE III (USA)

*N.B. THIS SUBSTANCE IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EP & CRTK ACT 1986

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>Specific Gravity (H₂O=1)</th>
<th>Vapor Pressure (mm Hg)</th>
<th>Not measured</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100°C</td>
<td>1.55</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Vapor Density (Air = 1) N/A

Solubility in Water: Miscible in all proportions
Reactivity in Water: Acidic

Appearance and Odor: Dark brown oil
Melting Point: N/A

SECTION 4 - FIRE & EXPLOSION DATA

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>F. C. Method Used</th>
<th>Flammable Limits in Air % by Volume</th>
<th>Lower</th>
<th>Upper</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>Flammable Limits in Air % by Volume</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Auto-Ignition Temperature: N/A
Extinguisher Media: Water

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None
SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA) - AUTOSOL SENSITIZER (CORROSIVE)

Stability: Unstable

Conditions
High temperatures may cause evolution of gas and solidification.

Incompatibility
(Materials to Avoid)
Alkalis, reactive chemicals, metals.

Hazardous Decomposition Products
None at ordinary temperatures.

Hazardous Polymerisation
May Occur
Conditions to Avoid
N/A

SECTION 6 - HEALTH HAZARDS

1. Acute
Corrosive and irritating to skin and mucous membrane.

Signs and Symptoms of Exposure
Irritation

Medical Conditions Generally Aggravated by Exposure
Skin sensitivity

Chemical Listed as Carcinogen or Potential Carcinogen
National Toxicology Program Yes □
I.A.R.C. Monographs No □

OSHA Yes □

Emergency and First Aid Procedures
Wash with water

ROUTES OF ENTRY

1. Inhalation
N/A

2. Eyes
Irrigate with water for 15 mins, get medical aid.

3. Skin
Wash with soap and water.

4. Ingestion
Dilute with water, seek medical assistance.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage
Store in cool conditions in original containers.

Other Precautions
None

Steps to be Taken in Case Material is Released or Spilled
Absorb with sand and collect for chemical disposal.

Waste Disposal
Methods (Consult federal, state, and local regulations)
Dilute with water in accordance with local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection
(Specify Type)
N/A

Ventilation
N/A
Local Exhaust N/A
Mechanical (General) N/A
Special N/A
Other N/A

Protective Gloves
PVC Gloves should be worn.

Eye Protection
Goggles should be worn.

Other Protective Clothing or Equipment
Overalls/Plastic Apron.

Work/Hygienic Practices
If handled correctly, no special measures are required.

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

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