1. INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS
- Nitric acid
- Heavy metals (T.S.)
- Trivalent Chrome Complex

2. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Dark violet</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.320 – 1.330</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Infinite</td>
</tr>
<tr>
<td>Odour</td>
<td>No specific odor</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

3. HEALTH HAZARD IDENTIFICATION ACUTE TOXICITY

1 Inhalation
Inhalation of chrome mists may cause irritation of nasal septum and respiratory tract. Prolonged exposure may cause ulceration and perforation of the septum.

2 Ingestion
Can cause corrosive burns and severe damage to mouth, throat and stomach. Can be fatal.

3 Skin
Can cause irritation.

4 Eyes
Can cause severe burn to the eyes.

5 Chronic Exposure
Respiratory illness.

6 Carcinogen Reference
Not known to have carcinogenic effects.

4. EMERGENCY AND FIRST AID MEASURES

1 Inhalation
Remove from contaminated area to fresh air. If breathing is difficult, seek medical attention.

2 Ingestion
Give large quantities of water followed by milk of magnesia. Never give anything by mouth to an unconscious person. Seek medical attention.

3 Eyes
Flush with plenty of water and seek medical aid.

4 Skin
Wash with plenty of water. Seek medical attention.
5. FIRE FIGHTING MEASURES

1. FLASH POINT C

   Not Flammable

2. EXTINGUISING MEDIA

   Water fog or dry chemical

3. SPECIAL FIRE FIGHTING PROCEDURES

   Use full protective clothing and self contained breathing apparatus. Keep containers cool to prevent rupture and release of material.

4. UNUSUAL FIRE AND EXPLOSION HAZARD

   None

6. ACCIDENTAL RELEASE MEASURES

   Neutralise with soda ash take up neutralize material and treat for removal of chromium. Dispose of. In accordance with state and local regulations.

7. HANDLING AND STORAGE

   HANDLING

   Use only in well ventilated areas. Containers will contain hazardous residues Dispose off in accordance with state and local regulations

   STORAGE

   Store in cool & dry place under closed condition to avoid any contaminations. Loosen cover cautiously when opening. Keep container closed when not in use. Keep only in original containers Keep away from alkalis and organic chemicals.

8. PERSONAL PROTECTIVE EQUIPMENT

   1. VENTILATION

      Local exhaust recommended.

   2. RESPIRATOR

      Use approved respirator.

   3. EYE PROTECTION

      Chemical safety goggles or face shields

   4. GLOVES

      Neoprene

   5. OTHER PROTECTIVE CLOTHINGS

      Chemical resistant clothing’s and boots

   8. GENERAL SAFETY AND HYGIENE MEASURES

      Handle in accordance with good industrial hygiene and safety practice. Safety showers and eye wash stations should be provided in areas where this product is used. Wash with soap and water after use.

9. STABILITY AND REACTIVITY DATA

   1. STABILITY

      Stable

   2. CONDITIONS TO AVOID

      Stable under normal conditions. Keep away from alkalis and
oxidizers.

3 INCOMPATABILITY
Highly alkaline materials.

4 HAZARDOUS DECOMPOSITION
May generate oxides of fluorine.

5 HAZARDOUS POLYMERIZATION
Will not occur

DISCLAIMERS

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