SECTION I IDENTIFICATION

Chemical Name: NADIC METHYL ANHYDRIDE

Formula: C10 H10 O3

CASRN [25134-21-6]

SECTION II HAZARDOUS INGREDIENTS DATA

Threshold Limit Values

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA-TWA</th>
<th>OSHA-STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nadic Methyl Anhydride</td>
<td>99 ppm</td>
<td>1 ppm</td>
</tr>
<tr>
<td>Free acid</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td></td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

SECTION III PHYSICAL DATA

Boiling Point: 280°F @ 10 mm Hg
Vapor Pressure: 5.0 mm Hg
Evaporation Rate: N/D
@120°C degrees
Vapor Density: 16.1 @ 20°C
Specific Gravity: 1.3
Solubility in Water: N/D
Melting Point: N/D
Appearance and Odor: Pale tan liquid, no odor

SECTION IV EXPLOSION AND FIRE HAZARD DATA

Flash Point: 275°F
Flammable Limits:
Test Mode: COC
LEL: N/D
UEL: N/D

Extinguishing Media: Water, carbon dioxide, dry chemical powder, foam
Special Fire Fighting Procedures: Firefighters must wear self-contained breathing apparatus and fully protective equipment
Unusual Fire and Explosion Hazards: N/E

POLYSCIENCES, INC. HAZARD CODE: BH0V7m

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N/A = Not Applicable; NE = Not Established; N/D = No Data

OSHA = Occupational Safety and Health Administration
ACGIH = American Conference of Governmental Industrial Hygienists
NFPA = National Fire Protection Association
SECTION V HEALTH HAZARD

Route(s) of Entry: Inhalation: yes  Skin: yes  Ingestion: yes
RTECS#: RB910000  Carcinogenicity: not listed
Health Hazards (acute and chronic): Toxic, Corrosive, Skin sensitizer, Irritant.
Medical Conditions Generally Aggravated by Exposure: Asthma, Chronic pulmonary conditions.

Signs and Symptoms of Exposure: Very irritating to eyes, skin and respiratory tract.

Emergency and First Aid Procedures:
Skin Contact: Wash affected area with copious amounts of water.
. Remove and launder contaminated clothing before reuse.
Eye Contact: Flush eyes with water for at least 15 minutes.
. Separate lids with fingers to insure cleansing. See physician.
Inhalation: Remove to fresh air. Give oxygen or artificial respiration, as needed.
Ingestion: Drink 1 or 2 glasses of water. Call physician. Seek medical treatment if discomfort persists.

SECTION VI REACTIVITY DATA
Stability: stable
Conditions to Avoid: NE
Incompatibility: NE
Hazardous Decomposition Products: NE
Hazardous Polymerization: will not occur
Conditions to Avoid: NE

SECTION VII SPILL OR LEAK PROCEDURES
Steps to be Taken in Case Material is Released or Spilled: Wear self-contained breathing apparatus, rubber boots and gloves. Absorb on inert material and collect for disposal. Wash and ventilate spill site after pickup is complete
Waste Disposal Method: Incinerate in suitably equipped incinerator if in compliance with all local, state, and Federal regulations, or contact an approved and licensed disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiratory Protection: OSHA/MHSA approved respirator
Ventilation: local exhaust
Protective Gloves: chemical resistant  Eye Protection: safety goggles
Other Protective Equipment: safety shower and eye bath

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling and Storage: Store material at room temperature. Do not allow to freeze. Keep storage container tightly closed. Avoid contact with skin and eyes. Do not inhale.