E. I. DUPONT -- METAL CONDITIONER, (5717S), VM-5717 -- 8010-00F004458

Product Identification

Product ID: METAL CONDITIONER, (5717S), VM-5717
MSDS Date: 01/01/1987
FSC: 8010
NIIN: 00F004458
MSDS Number: BBQHP

Responsible Party

Company Name: E. I. DUPONT
City: WILMINGTON
State: DE
ZIP: 19898
Info Phone Num: (302) 774-7500
Emergency Phone Num: (302) 774-7500
CAGE: E0900

Contractor Identification

Company Name: E. I. DUPONT
City: WILMINGTON
State: DE
ZIP: 19898
Phone: (302) 774-7500
CAGE: E0900

Company Name: E. I. DUPONT DE NEMOURS & CO
Address: 1007 MARKET STREET
Box: City: WILMINGTON
State: DE
ZIP: 19898
Country: US
Phone: 800-441-7515; 800-441-9442
CAGE: 18873

Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Fraction by Wt.</th>
<th>CAS</th>
<th>RTECS #</th>
<th>Other REC Limits</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EPA Rpt Qty</th>
<th>DOT Rpt Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ether Alcohol</td>
<td>15%</td>
<td>7664-38-2</td>
<td>TBD300000</td>
<td>1 MG/CUM</td>
<td>1 MG/M3/3 STEL</td>
<td>50 PPM</td>
<td>5000 LBS</td>
<td>5000 LBS</td>
</tr>
<tr>
<td>Phosphoric Acid (SARA III)</td>
<td>37%</td>
<td>7664-38-2</td>
<td>TBD300000</td>
<td>1 MG/CUM</td>
<td>1 MG/M3/3 STEL</td>
<td>50 PPM</td>
<td>5000 LBS</td>
<td>5000 LBS</td>
</tr>
<tr>
<td>Chromic Acid</td>
<td>.05%</td>
<td>1308-14-1</td>
<td>GB2670000</td>
<td></td>
<td></td>
<td>0.1 MG/CUM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hazards Identification

Routes of Entry: Inhalation: YES  Skin: NO  Ingestion: NO
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO

Health Hazards Acute and Chronic: INHALATION: HEADACHE, NAUSEA, IMPAIRMENT OF REACTION TIME & COORDINATION.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: INHALATION: HEADACHE, NAUSEA, IMPAIRMENT OF REACTION TIME & COORDINATION.

First Aid Measures

First Aid: INHALATION: MOVE TO FRESH AIR. SKIN: WASH W/ SOAP & WATER. CONTAINS ACID. EYES: FLUSH W/ WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN.

Fire Fighting Measures

Flash Point Method: TOC
Flash Point: >150F
Lower Limits: 1.1%
Upper Limits: 10.6%
Extinguishing Media: FOAM, CO2, DRY CHEMICAL
Fire Fighting Procedures: WATER COOL CONTAINER TO PREVENT PRESSURE BUILD-UP.

Accidental Release Measures

Spill Release Procedures: AVOID PROLONGED CONTACT W/SKIN & BREATHING OF VAPOR. REMOVE SOURCES OF IGNITION. WASH UP W/LARGE QUANTITY OF WATER & INERT MATERIAL.

Handling and Storage

Handling and Storage Precautions: KEEP AWAY FROM HEAT, SPARKS & OPEN FLAMES. CLOSED CONTAINER AFTER EACH USE. WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR SMOKING. Other Precautions: OBSERVE LABEL PRECAUTIONS.

Exposure Controls/Personal Protection

Respiratory Protection: IN CONFINED AREAS USE BUREAU OF MINES APPROVED MASKS.
Ventilation: PROVIDE SUFFICIENT VENTILATION TO KEEP 1
Solubility in Water: APPRECIABLE
Appearance and Odor: THIN CLEAR GREEN LIQUID; STRONG ACIDIC ODOR
Percent Volatiles by Volume: 99.9%

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
NONE REASONABLY FORESEEABLE
Hazardous Decomposition Products: CO2, CO, SMOKE, OXIDES OF PHIPHOROUS

Disposal Considerations

Waste Disposal Methods: WIPE UP & BURN RAGS. DISPOSAL METHOD MUST COMPLY W/ LOCAL, STATE, & FEDERAL REGULATIONS.

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