

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

## IDENTITY AND MANUFACTURER'S INFORMATION

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|--|--|
| HFA Rating: Health-3; Flammability-0; Reactivity-0; Special-COR:                             | HMIS Rating: Health-3; Flammability-0; Reactivity-0; Personal Protection-B                           |
| Manufacturer's Name: AMREP, INC.<br>Address: 990 Industrial Park Drive<br>Marietta, GA 30062 | DOT Hazard Classification: Corrosive Material 8<br><br><h3 style="text-align: center;">TREAT- X</h3> |
| Date Prepared: 06/01/08<br>Prepared By: ES/IB  | MSDS Number: B00309<br>Revision: 10  |
| Information Calls: (770)422-2071<br>EMERGENCY RESPONSE NUMBER: 1(800)255-3924                | NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA  |

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES<br><small>(Hazardous Components 1% or greater, Carcinogens 0.1% or greater)</small> | CAS Number | SARA III LIST | OSHA PEL (ppm) | ACGIH TLV (ppm) | Carcinogen Ref. Source ** |
|--|------------|---------------|----------------|-----------------|---------------------------|
| PHOSPHORIC ACID  | 7664-38-2  | No            | 1mg/m3         | 1mg/m3          | d                         |
| BUTOXYETHANOL  | 111-76-2   | Yes           | 50             | 25              | d                         |
|  |            |               |                |                 |                           |
|  |            |               |                |                 |                           |
|  |            |               |                |                 |                           |

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

|  |   |
|--|---|
| Boiling Point: 100°C<br>Vapor Pressure: PSIG @ 70°F (Aerosols): N/A<br>Vapor Density (Air = 1): Not known<br>Solubility in Water: Miscible | Specific Gravity (H2O=1): 1.26<br>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): Not known.<br>Evaporation Rate (water = 1): 1.0<br>Water Reactive: No |
| Appearance and Odor: Water based clear, green non-viscous liquid with butyl cellosolve odor.   |   |

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

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|--|-------------------------------|--|
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A               | Auto Ignition Temperature N/A | Flammability Limits in Air by % in Volume:<br>% LEL: N/A      % UEL: N/A       |
| FLASH POINT AND METHOD USED (non-aerosols): Non-combustible.               |                               | EXTINGUISHER MEDIA: Non-combustible Use media compatible with surrounding fire |
| SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. |                               |  |
| Unusual Fire & Explosion Hazards: Solutions of product are corrosive.      |                               |  |

## SECTION 4 - REACTIVITY HAZARD DATA

|  |   |
|--|---|
| STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE                                     | HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR |
| Incompatibility (Mat to avoid): Glass, alkalis, metals, carbides, acetylides, phosphides, silicides.                       | Conditions to Avoid: High temperatures  |
| Hazardous Decomposition Products: Hydrogen fluoride gas, oxides of phosphorus, nitrogen and carbon, unidentified organics. |   |

## SECTION 5 - HEALTH HAZARD DATA

|  |   |
|--|---|
| PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS |   |
| ACUTE EFFECTS: Severely irritating and corrosive to all body tissues.  |   |
| Inhalation: Inhalation of mist or spray severely irritating to upper respiratory tract & mucous membranes. Prolonged contact may result in tissue damage or destruction.   | Skin Contact: Severely irritating Prolonged contact may result in tissue damage or destruction. |
| Eye Contact: Severely irritating May result in tissue damage or destruction  |   |
| Ingestion: Severely irritating. Prolonged contact may result in tissue damage or destruction.  |   |
| CHRONIC EFFECTS: None known.   |   |
| Medical Conditions Generally Aggravated by Exposure: Can cause or aggravate attacks of asthma.   |   |

## EMERGENCY FIRST AID PROCEDURES

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| Eye Contact: Flush with water for 15 minutes. Get medical attention.   |
| Skin Contact: Wash and rinse thoroughly. If irritation persists or tissue damage becomes evident, get medical attention. |
| Inhalation: Remove to fresh air. If irritation persists or if other respiratory symptoms appear, get medical attention.  |
| Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.                       |

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

|  |   |
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| Respiratory Protection (specify type): None normally needed.                                 | Eye Protection: Goggles or face shield. |
| Protective Gloves: Rubber or PVC.  |   |
| Ventilation Requirements: Normal ventilation is generally adequate.                          |   |
| Other Protective Clothing & Equipment: Eye bath and safety shower.                           |   |
| Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling. |   |

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps To Be Taken If Material Is Spilled Or Released: Do not drain into sewers or surface waters. Carefully neutralize with lime. Collect residue & seal in properly labeled non-leaking containers for proper authorized hazardous waste disposal. |
| Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.   |
| Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from freezing.  |
| Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.  |

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind

\*\* Chemical Listed as Carcinogen or Potential Carcinogen [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only