

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 | | | | | | |
|---|--|--|---|--|---------------------|---------------------------|
| NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special-COR | | | HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B | | | |
| DOT Hazard Classification: CORROSIVE LIQUID, N.O.S.,8 | | | | | | |
| FDA: This product is approved under the following FDA (21 CFR) sections: Unknown. | | | | | | |
| Manufacturer's Name: AmSolv Manufacturing Company. Address: 1803 Howard Road Waxahachie, TX 75165 | | | Identity (trade name as used on label): AmSolv AmGuard 122k | | | |
| Date Prepared: 2005-07-05 | | Prepared By: STH | | MSDS Number: WB122k Revision - 1 | | |
| Information Calls: 1 (972) 938-1401 EMERGENCY RESPONSE NUMBER: 1 (972) 938-1410 (International) | | | NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA | | | |
| SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION | | | | | | |
| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | | CAS Number | SARA III LIST | OSHA PEL (ppm) | ACGIH TLV (ppm) | Carcinogen Ref. Source ** |
| SODIUM HYDROXIDE | | 1310-73-2 | No | 2 mg/m ³ | 2 mg/m ³ | D |
| SODIUM SULFITE | | 7757-83-7 | No | N/E | N/E | D |
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| SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS | | | | | | |
| Boiling Point: 100°C | | Specific Gravity (H ₂ O=1): 1.14 | | | | |
| Vapor Pressure: PSIG @ 70°F (Aerosols): N/A | | Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D | | | | |
| Vapor Density (Air = 1): N/D | | Evaporation Rate (water = 1): 1.0 | | | | |
| Solubility in Water: Miscible | | Water Reactive: No | | | | |
| Appearance and Odor: Clear, colorless, non-viscous liquid with slight amine odor. | | | | | | |
| SECTION 3 - FIRE AND EXPLOSION HAZARD DATA | | | | | | |
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A | | Auto Ignition Temperature N/A | | Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A | | |
| FLASH POINT AND METHOD USED (non-aerosols): None | | | EXTINGUISHER MEDIA: Non-combustible. Use media compatible with surrounding fire. | | | |
| SPECIAL FIRE FIGHTING PROCEDURES: None | | | | | | |
| Unusual Fire & Explosion Hazards: Can react with aluminum to liberate hydrogen gas. If heated to decomposition may liberate oxides of sulfur, SO _x , oxides of phosphorus, PO _x . | | | | | | |
| 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): Acids, aluminum surfaces. | | Conditions to Avoid: None known. | | | | |
| Hazardous Decomposition Products: Oxides of sulfur, oxides of phosphorus, SO _x , PO _x , | | | | | | |
| SECTION 5 - HEALTH HAZARD DATA | | | | | | |
| PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS | | | | | | |
| ACUTE EFFECTS: Corrosive action on all body tissues. | | | | | | |
| Inhalation: Inhalation of spray or mist is highly irritating to respiratory tract and mucous membranes. Prolonged contact may result in tissue damage and/or destruction. | | | | | | |
| Eye Contact: Highly irritating. May result in tissue damage and/or destruction. | | | Skin Contact: Highly irritating. Prolonged contact may result in tissue damage and/or destruction. | | | |
| Ingestion: Highly irritating. Prolonged contact may result in tissue damage and/or destruction. | | | | | | |
| CHRONIC EFFECTS: Repeated tissue damage may result in accumulation of scar tissue. | | | | | | |
| Medical Conditions Generally Aggravated by Exposure: Any irritated tissue present may be further irritated by exposure. | | | | | | |
| EMERGENCY FIRST AID PROCEDURES | | | | | | |
| Eye Contact: Flush with water for 15 minutes. Get medical attention. | | | | | | |
| Skin Contact: Wash off & rinse thoroughly with water. If irritation symptoms develop, get immediate medical attention. | | | | | | |
| Inhalation: Remove to fresh air. If irritation persists or other respiratory symptoms develop, get immediate medical attention. | | | | | | |
| Ingestion: DO NOT INDUCE VOMITING. Drink solution of vinegar and water followed by clear water. Get immediate medical attention. | | | | | | |
| SECTION 6 - CONTROL AND PROTECTIVE MEASURES | | | | | | |
| Respiratory Protection (specify type): None required. | | | | | | |
| Protective Gloves: Rubber. | | | Eye Protection: Chemical goggles or face shield. | | | |
| Ventilation Requirements: Normal ventilation is adequate. | | | | | | |
| Other Protective Clothing & Equipment: Rubber boots and apron if desired. Eyewash stations and safety showers. | | | | | | |
| Hygienic Work Practices: Do not eat or drink in work areas. Wash hands before using restroom facilities . | | | | | | |
| SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE | | | | | | |
| Steps To Be Taken If Material Is Spilled Or Released: Do not drain into sewers or surface waters. Soak up in absorbent material & 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 container. Keep container sealed when not in use. Protect from freezing. | | | | | | |
| Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read and 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