

MATERIAL SAFETY DATA SHEET

AmGuard Concentrate

Section I: MANUFACTURER'S NAME, ADDRESS, AND CONTACT INFORMATION

Seachem Laboratories, Inc.
1000 Seachem Drive
Madison, GA 30650

Emergency Telephone Number: 706-343-6060
Telephone Number for Information: 706-343-6060
Date Prepared: 06 July 2006

SECTION II: CHEMICAL INGREDIENTS/IDENTITY INFORMATION

| Components (Chemical Identity; Common Names (s)) | OSHA PEL | ACGIH TLV | Other Limits |
|--|----------|-----------|--------------|
| Proprietary blend of complexed hydrosulfite salts. | ND | ND | NA |

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

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| Boiling Point | NA | Specific Gravity (H ₂ O = 1) | ND |
| Vapor Pressure (mm Hg) | NA | Melting Point | ND |
| Vapor Density (AIR = 1) | NA | Evaporation Rate (Butyl Acetate = 1) | NA |
| Solubility in Water | Very soluble | Appearance and Odor | White powder, slight odor |

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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| Flash Point (Method Used) | ND |
| Flammable Limits | NA |
| LEL | NA |
| UEL | NA |
| Extinguishing Media | Water, carbon dioxide, dry chemical, foam |
| Special Fire Fighting Procedures | Firefighters should wear self-contained breathing apparatus due to hazardous decomposition products. |
| Unusual Fire and Explosion Hazards | Airborne dust may form explosive mixtures with air. |

SECTION V: REACTIVITY DATA

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| Stability | Stable under normal conditions of use |
| Conditions to Avoid | Incompatibilities |
| Incompatibility (Materials to Avoid) | Strong acids, strong oxidizing agents |
| Hazardous Decomposition or Byproducts | Aldehydes, sulfur dioxide |
| Hazardous Polymerization | Will Not Occur |

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| Polymerization Conditions to Avoid | None |
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SECTION VI: HEALTH HAZARD DATA

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| Route(s) of Entry: Inhalation, Ingestion, Eyes, Skin |
| Health Hazards (Acute): Inhalation-dust may irritate nasal and respiratory tract; Ingestion-slight to non-toxic; Eyes-Temporary eye irritation; Skin-May cause irritation |
| Carcinogenicity: NA |
| Signs and Symptoms of Exposure: See health hazards above. |
| Medical Conditions Generally Aggravated by Exposure: No information found. |
| Emergency and First Aid Procedures: Inhalation-remove to fresh air; Ingestion-symptomatic and supportive treatment; Eyes-flush with water; Skin-wash with soap and water, remove contaminated clothing. |

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps to Be Taken in Case Material is Released or Spilled: Sweep and remove. Flush residue with water to drain. |
| Waste Disposal Method: No special disposal method required, except that it be in accordance with current local authority regulations. |
| Precautions to Be Taken in Handling and Storing: Store away from acids and oxidizing agents. |
| Other Precautions: All materials should be handled under good housekeeping practices. |

SECTION VIII: CONTROL MEASURES

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| Respiratory Protection | Use respirator NIOSH-approved for dust and mists. |
| Ventilation | Local exhaust |
| Protective Gloves | Recommended |
| Eye Protection | Recommended |
| Other Protective Clothing or Equipment | None |
| Work/Hygienic Practices | Good housekeeping practices |

ABBREVIATIONS

ACGIH: The American Conference of Governmental Industrial Hygienists, Inc.

IARC: The International Agency for Research on Cancer

LEL: Lower Explosive Limit (or Lower Flammable Limit)

NA: Not Applicable

ND: Not Determined

NTP: The National Toxicology Program

OSHA: The Occupational Health and Safety Administration

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

UEL: Upper Explosive Limit (or Upper Flammable Limit)

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