

MATERIAL SAFETY DATA SHEET

OS 1537LF

SECTION 1:

IDENTIFICATION

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| Company Name: | Chemworld |
| Address: | 885 Woodstock Road Ste 430-111 Roswell, GA 30075 |
| Phone No. | 800.658.7716 |
| Fax No. | 877.209.1556 |
| Emergency Phone No. | CHEM-TEL 800-255-3924 |
| Date Prepared: | 3/25/08 |
| Date Revised: | 5/7/09 |

SECTION 2:

INGREDIENTS

| <u>MATERIAL</u> | <u>CAS NO.</u> | <u>%</u> |
|-------------------|----------------|----------|
| SODIUM SULFITE | 7757-83-7 | 5 – 15 |
| POTASSIUM SULFITE | 10117-38-1 | 5 – 10 |

SECTION 3:

HEALTH HAZARDS

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| Ingestion: | MAY BE TOXIC IN CONCENTRATED FORM. DO NOT TAKE INTERNALLY. |
| Inhalation: | NOT A LIKELY ROUTE OF EXPOSURE. INHALATION OF MIST MAY BE IRRITATING TO RESPIRATORY TRACT. |
| Skin Contact: | NOT AN IRRITANT |
| Eye Contact: | CAUSES IRRITATION. |
| Other Information: | OTHER THAN ACUTE EFFECTS LISTED ABOVE, NO LONG TERM EFFECTS KNOWN. |

SECTION 4:

FIRST AID

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| Ingestion: | DRINK SEVERAL GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION. |
| Inhalation: | REMOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. |
| Skin Contact: | WASH WITH PLAIN WATER OR SOAP AND WATER. |
| Eye Contact: | IMMEDIATELY FLUSH WITH CLEAR WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS. |
| Notes to Physician: | NO ANTIDOTES KNOWN. TREAT SYMPTOMS SUPPORTIVELY. |

SECTION 5:

FIRE AND EXPLOSION HAZARD DATA

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| Flash Point/Method: | NONE |
| Upper/Lower Limit in Air: | N.A./N.A. |
| Extinguishing Media: | WATER OR ANY MEDIA SUITABLE FOR THE SURROUNDING FIRE. |
| Procedures: | FIREFIGHTERS SHOULD WEAR NORMAL PROTECTIVE EQUIPMENT. SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED IN CONFINED AREAS. |
| Unusual Hazards: | NONE |
| Combustion Products: | OXIDES OF SULFUR MAY BE GENERATED DURING DECOMPOSITION. |

SECTION 6:

ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | WEAR PERSONAL PROTECTIVE EQUIPMENT AS RECOMMENDED IN SECTION 8. |
| Environmental Precautions: | THIS PRODUCT HAS A LOW HAZARD POTENTIAL IF RELEASED INTO THE ENVIRONMENT ACCIDENTLY. |
| Procedures for Clean Up: | SMALL SPILLS MAY BE FLUSHED WITH COPIOUS QUANTITIES OF WATER, PREFERABLY TO A SANITARY SEWER. LIQUID MAY BE ABSORBED IN SAWDUST OR ANY AVAILABLE ABSORBANT AND SWEEPINGS DISPOSED OF IN A LANDFILL. OBEY ALL FEDERAL, STATE OR LOCAL REGULATIONS. |
| Prohibited Materials: | NONE |

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SECTION 7: HANDLING AND STORAGE

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| Handling: Storage: | NORMAL INDUSTRIAL HANDLING PRACTICES. KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL, DRY PLACE. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. DO NOT ALLOW TO FREEZE. |
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Precautionary Measures: Engineering Controls: Control Limits: Equipment for Personal Protection: | STANDARD INDUSTRIAL HANDLING PRECAUTIONS. WASH THOROUGHLY AFTER HANDLING CHEMICALS. USE WITH ADEQUATE VENTILATION TO KEEP EXPOSURES BELOW OCCUPATIONAL EXPOSURE LIMITS. NONE SAFETY GLASSES WITH SIDE SHIELDS AND IMPERMEABLE GLOVES SHOULD BE WORN WHEN HANDLING THE CONCENTRATED PRODUCT. EYEWASH STATION AND SAFETY SHOWER IN AREA OF USE. |
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: Odor: pH (undiluted): Specific Gravity: Density: Solubility in Water: Boiling Point: Percent Volatile: Vapor Pressure (mmHg): Vapor Density: Evaporation Rate: | CLEAR LIQUID CHARACTERISTIC 6.5-7.5 1.20-1.22 10.1 lbs./gal. COMPLETE 212°F >70 (WATER) N.D. N.D. (water=1): ~1 |
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SECTION 10: STABILITY AND REACTIVITY

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| Stability: Conditions to Avoid: Hazardous Polymerization: Conditions to Avoid: Incompatibility: Hazardous Decomposition Products: | STABLE NONE STABLE NONE MAY REACT WITH STRONG OXIDIZING AGENTS OR ACIDS. IF WATER EVAPORATED, OXIDES OF SULFUR COULD BE PRODUCED BY COMBUSTION. |
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SECTION 11: TOXICOLOGICAL INFORMATION

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| Material & Tests: | SODIUM SULFITE: ORAL LD50 (MOUSE) = 820 mg/kg. |
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SECTION 12: ECOLOGICAL INFORMATION

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| Aquatic Toxicity: | SODIUM SULFITE: 96 HR LC50 (GOLDFISH) = 100 mg/l; 24, 48, 96 HR TLm (MOSQUITO FISH) = 2600 ppm. |
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SECTION 13: DISPOSAL CONSIDERATIONS

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| General Considerations: Procedures: | THIS PRODUCT IS NOT A HAZARDOUS WASTE. DISPOSAL BY USE PREFERRED BUT IF THIS NOT POSSIBLE, DILUTE WITH COPIOUS QUANTITIES OF WATER AND FLUSH TO WASTE, PREFERABLY TO A SANITARY SEWER. OBEY ALL FEDERAL, STATE OR LOCAL REGULATIONS. |
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SECTION 14: TRANSPORT INFORMATION

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| Shipping Name: | COMPOUNDS, WATER TREATMENT, N.O.S. (NOT REGULATED BY US D.O.T.) |
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SECTION 15: REGULATORY INFORMATION

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| <u>Regulation</u> CERCLA (40 CFR302.4): | <u>Material</u> NONE | <u>RQ</u> | <u>Max. %</u> |
| SARA 302 (Sect. 355, Appendix A): | <u>Material</u> NONE | <u>TPQ</u> | <u>Max. %</u> |
| SARA 311/312: | <u>Categories</u> IMMEDIATE HEALTH | <u>Hazards</u> EYE IRRITANT | |
| SARA 313 (40 CFR 372.45): | <u>Material</u> NONE | <u>Max. %</u> | |
| CWA (40 CFR 401.15): | NONE | | |
| RCRA (40 CFR 261): | NONE | | |
| OSHA (29 CFR 1910.1200): | ALL COMPONENTS LISTED UNDER THIS STANDARD ARE SHOWN IN SECTION 2 OF THIS MSDS. | | |
| TSCA: | ALL INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY. | | |

SPECIAL STATE REGULATIONS

| <u>STATE</u> | <u>INGREDIENT</u> | <u>%</u> | <u>REGULATORY DESIGNATION</u> |
|--------------|-------------------|----------|-------------------------------|
| NONE | | | |

SECTION 16 OTHER INFORMATION

SUGGESTED HAZARD RATINGS

| <u>NFPA*</u> | <u>HAZARD</u> | <u>HMIS*</u> |
|--------------|---------------------|--------------|
| 1 | HEALTH (Blue) | 1 |
| 0 | FIRE (Red) | 0 |
| 0 | REACTIVITY (Yellow) | 0 |
| | PERSONAL PROTECTION | B |
| | SPECIAL HAZARDS | |

*Notes: 0 = Insignificant; 1 = Slight; 2 = Moderate; 3 = High; 4 = Extreme

The data contained in this Material Safety Data Sheet has been prepared based upon an evaluation of the ingredients in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be accurate. It is furnished to the customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Use or dissemination of all or part of this information for any other purpose is prohibited by law.