FRITZ *Industries, Inc.*

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT INFORMATION

PRODUCT NAME: SODIUM THIOSULFATE **DATE WRITTEN: 4-06-04**
CHEMICAL NAME: SODIUM THIOSULFATE
CAS NUMBER: 7772-98-7
NFPA (704) RATING: HEALTH 0 FLAMMABILITY 0 REACTIVITY 1 SPECIAL 0

SECTION II HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS:

NAME	CAS NUMBER	OTHER LIMITS OSHA PEL	ACGIH TLV	OTHER	% (OPTIONAL)
(NONE)					

SECTION III PHYSICAL/CHEMICAL CHARACTERISTIC

DENSITY: 1.69
SOLUBILITY IN WATER: 5G IN 10G WATER AT 25¾C
BOILING POINT: N/A
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: COLORLESS CRYSTALS. NO ODOR.
FREEZE POINT: N/A
BIODEGRADABILITY: N/A

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NOT COMBUSTIBLE
FLAMMABLE LIMITS: NOT FLAMMABLE
EXTINGUISHING MEDIA: USUAL FIRE FIGHTING MEDIA.
SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE KNOWN

SECTION V REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: NONE KNOWN
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: BURNING MAY PRODUCE SULFUR OXIDES
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: ACIDS, IODINE, LEAD, MERCURY, METAL NITRATES, SILVER SALTS, AND SODIUM NITRITE

PRODUCT NAME: SODIUM THIOSULFATE

SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? YES **SKIN?** YES **INGESTION?** YES **EYES?** YES
HEALTH HAZARDS (ACUTE AND CHRONIC): NONE KNOWN .
CARCINOGENICITY: NTP? N/A **IARC MONOGRAPHS?** N/A **OSHA REGULATED?** N/A
SIGNS AND SYMPTOMS OF EXPOSURE: INGESTION: MAY CAUSE DIARRHEA
INHALATION: MAY CAUSE IRRATION OF THE RESPIRATORY TRACT
SKIN: MAY CAUSE IRRITATION, INFLAMMATION
EYES: MAY CAUSE MECHANICAL IRRATION, WATERING OF EYES
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN
EMERGENCY AND FIRST AID PROCEDURES:
FLUSH SKIN WITH LARGE AMOUNTS OF WATER. SEEK MEDICAL ADVICE IF IRRITATION DEVELOPS.
FLUSH EYES WITH WATER FOR SEVERAL MINUTES. SEEK MEDICAL ADVICE IF IRRITATION DEVELOPS.
IF SWALLOWED, INDUCE VOMITING (IF CONSCIOUS). SEEK MEDICAL ATTENTION.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CLEAN UP SPILLS IN A MANNER THAT DOES NOT DISPERSE DUST.
WASTE DISPOSAL METHOD: SOLID WASTE. RECYCLE OR DISPOSE IN LOCAL LAND FILL PER LOCAL, STATE, AND FEDERAL REGULATIONS. NOTE DILUTION WITH WATER IS THE ONLY PRACTICLE METHOD TO MEET REQUIRMENTS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CLOSED. STORE IN DRY AREA.
OTHER PRECAUTIONS: NONE KNOWN

SECTION VIII CONTROL MEASURES

RESPIRATORY PRECAUTION (SPECIFY TYPE): A HALF-FACE DUST RESPIRATOR MAY BE WORN.
VENTILATION: LOCAL EXHAUST: NOT REQUIRED **SPECIAL:** NONE KNOWN
MECHANICAL: NOT REQUIRED
PROTECTIVE GLOVES: MAY BE WORN.
EYE PROTECTION: SAFETY GLASSES MAY BE WORN.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE KNOWN
WORK/HYGIENIC PRACTICES: WASH HANDS WITH SOAP AND WATER AFTER USE

ENVIRONMENTAL EVALUATION

EPA SUPERFUND (SARA TITLE III) - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION: NOT HAZARDOUS
EPA CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANITY: NOT LISTED
EPA SARA TITLE III, CFR 355 (EXTREMELY HAZARDOUS SUBSTANCES): NOT LISTED
EPA SARA TITLE III, 40 CRF 372 (LIST OF TOXIC CHEMICALS); NOT LISTED
CHEMICALS LISTED ON FOLLOWING CHEMICAL INVENTORIES:
TSCA: NOT LISTED
EPA - RCRA (HAZARDOUS WASTE), 40 CFR 261: NOT LISTED
CALIFORNIA PROPOSITION 65: NOT LISTED

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