TECHNIC, INC.

MATERIAL SAFETY DATA SHEET

SECTION I — PRODUCT IDENTIFICATION

TRADE NAME (as labeled): SODIUM SULFITE

CHEMICAL NAMES, COMMON NAMES: Sodium Sulfite

MANUFACTURER'S NAME & ADDRESS:

TECHNIC, INC.
1 SPECTACLE STREET
CRANSTON, RI 02910
EMERGENCY PHONE: (401) 781-6100

PRODUCT CODE NO.: S-1044

NAME OF PREPARER: WILLIAM A. WILSON

DATE PREPARED: August 1, 2003

24 hour Emergency: Chem Trec 1-800-424-9300

SECTION II — HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBER	PERCENT	EXPOSURE LIMITS
Sodium Sulfite Na_2SO_3	7757-83-7	100%	TLV = 5.0 mg/M^3 (as SO_2) ACGIH

This product is not regulated as a toxic chemical under Section 313 of Title III/SARA, and 40 CFR, Part 372.
This product is not regulated by the California Proposition 65 list.
All ingredients are listed with the TSCA inventory.
For purposes of the New Jersey Right to Know Law, the contents are partially unknown.

SECTION III — PHYSICAL PROPERTIES

VAPOR DENSITY (AIR=1):	N.A.	SPECIFIC GRAVITY:	2.63
VAPOR PRESSURE (mm Hg):	N.A.	MELTING POINT (degrees F):	N.D.
EVAPORATION RATE (BUTYL ACETATE=1):	N.A.	BOILING POINT (degrees F):	Decomposes at 900°C
SOLUBILITY IN WATER:	28% at 33.4°C	pH: =	N.A.
APPEARANCE AND ODOR:	White granular crystals or powder; no odor		

SECTION IV — FIRE AND EXPLOSION

FLASH POINT (°F) (METHOD USED): Not combustible

AUTOIGNITION TEMPERATURE, F: N.A.

FLAMMABLE LIMITS IN AIR, VOLUME %: LOWER LIMIT N.A. UPPER LIMIT N.A.

FIRE EXTINGUISHING MATERIALS: If fully involved in a fire.

X	WATER SPRAY		CARBON DIOXIDE		OTHER:
	FOAM		DRY CHEMICAL		

Special Firefighting Procedures: Wear a NIOSH/MSHA approved, self-contained breathing apparatus and full protective gear if fully involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Acids or excess heat will liberate sulfur dioxide gas and form sodium sulfide residue that is flammable and a strong irritant to skin and tissue.

SECTION V HEALTH HAZARD INFORMATION

SYMPTOMS OF OVER-EXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE.

INHALATION:	**Irritation of the respiratory tract.**
CONTACT WITH SKIN OR EYES:	**Irritates and burns the skin and eyes.**
ABSORBED THROUGH SKIN:	**No.**
SWALLOWED:	**Ingestion may irritate gastrointestinal tract. Estimated to be moderately toxic. May cause severe allergic reaction in some asthmatics and sulfite sensitive individuals. Large doses may cause violent colic and diarrhea, circulatory disturbances, central nervous system depression, and even death.**

HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS. ATTACH EXTRA PAGE IF MORE SPACE IS NEEDED.

Sodium sulfite has been demonstrated to be a mutagenic in microbial systems; however, it is not mutagenic in studies involving insects and is not considered to present a mutagenic threat to multi-cell organisms (i.e. animals, humans).

FIRST AID: EMERGENCY PROCEDURES

EYE CONTACT:	**Flush eyes with water (under lids) for 15 minutes or longer. Get immediate medical attention.**
SKIN CONTACT:	**Promptly wash with plenty of soap and water.**
INHALED:	**Remove patient to fresh air. If symptoms persist, get medical attention.**
SWALLOWED:	**If conscious, immediately give 2 to 4 glasses of water or milk and induce vomiting by touching finger to back of throat. Get immediate medical attention.**

SUSPECTED CANCER AGENT? X **NO** _____ **YES**

SECTION VI REACTIVITY DATA

Stability: X **Stable** _____ **Unstable**

CONDITIONS TO AVOID: High temperatures (before melting); yield sulfur dioxide gas and hazardous residue.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers cause vigorous exothermic reactions. Acids release sulfur dioxide gas.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Sulfur dioxide gas: toxic and corrosive. Sodium sulfide residue: flammable, strong irritant to skin and tissue. Incompatible with acids.

HAZARDOUS POLYMERIZATION: _____ MAY OCCUR ___X___ WILL NOT OCCUR

SECTION VII SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Shovel up dry chemical into an empty container and cover. Cautiously spray spill area with water. Neutralize wash water with acid and flush to sewer with plenty of water if permitted. Good ventilation is required during neutralization due to release of SO_2 gas. The water may also be oxidized to sodium sulfate with a slight excess of hydrogen peroxide. See Section VIII for employee protection.

WASTE DISPOSAL: SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

SECTION VIII SPECIAL HANDLING INFORMATION

VENTILATION:	**Local exhaust.**
RESPIRATORY PROTECTION:	**If dusty or misty conditions prevail, use NIOSH/MSHA approved respirator.**
EYE PROTECTION:	**Chemical safety goggles. <u>DO NOT WEAR CONTACT LENSES.</u>**
GLOVES:	**Rubber gloves.**
OTHER CLOTHING AND EQUIPMENT:	**Full work clothing (impervious for repeated contact).**
WORK PRACTICES, HYGIENIC PRACTICES:	**Wash thoroughly after handling and before eating or smoking.**
OTHER HANDLING AND STORAGE REQUIREMENTS:	**Store in a cool, dry place. Keep container closed. Keep away from acids and strong oxidizers.**

H Health	1
F Flammability	0
R Reactivity	1
Personal Protection	F