



TECHNIC, INC.

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): NICKEL SULFAMATE SEMI BRIGHT ADDITIVE

CHEMICALS NAMES, COMMON NAMES:

PRODUCT CODE: 130501SB

MANUFACTURE'S NAME & ADDRESS:

TECHNIC INC.

1 SPECTACLE STREET

CRANSTON, RI 02910

EMERGENCY PHONE: 401-781-6100

PREPARED BY: ALLAN H. REED

DATE PREPARED: May 6, 2009

24 HOUR EMERGENCY: CHEM TREC 800-424-9300

OUTSIDE THE USA AND CANADA: 703-527-3887

SECTION 2

COMPOSITION / INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200).

SECTION 3

HAZARD IDENTIFICATION

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

INHALATION: May irritate nasal and respiratory passages.

CONTACT WITH SKIN OR EYES: May cause irritation of skin and eyes with possible allergic reaction.

ABSORBED THROUGH SKIN: Not readily absorbed through unbroken skin.

SWALLOWED: May cause irritation of mouth, throat and stomach.

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

HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS.

ACUTE: See symptoms of over-exposure above.

CHRONIC: The effects of long-term over-exposure to this material have not been determined.

SECTION 4**FIRST AID MEASURES**

FIRST AID: EMERGENCY PROCEDURES

EYE CONTACT: Flush with water, including under lids, for fifteen minutes. Obtain immediate medical attention.

SKIN CONTACT: Remove contaminated clothing and wash affected area thoroughly with soap and water. Launder clothing before rewearing. Seek medical attention for prolonged skin irritation.

INHALED: Remove patient to fresh air. Support breathing if required. Obtain medical treatment for dizziness, unconsciousness or irritation or difficulty in breathing.

SWALLOWED: If patient is conscious, rinse mouth and drink at least two large glasses of water. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.

SECTION 5**FIRE FIGHTING MEASURES**

FLASH POINT (°F) (METHOD USED): N.A. (Does not burn)

AUTOIGNITION TEMPERATURE, °F: N.A.

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

FIRE EXTINGUISHING MATERIALS: Use media appropriate for the surrounding fire.

 WATER CARBON DIOXIDE OTHER

 FOAM DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH/MSHA approved self contained breathing apparatus and protective gear if fully involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May release oxides of carbon, nitrogen and sulfur when heated to dryness.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain spilled material and collect by absorption or other suitable method for waste treatment. Rinse spill area with water. Do not allow this material or its rinsings to enter storm or sanitary sewers or other waterways.

SECTION 7**HANDLING AND STORAGE**

HANDLING AND STORAGE REQUIREMENTS: Store in a cool dry place. Keep container tightly closed except when transferring contents.

SECTION 8**EXPOSURE CONTROLS / PERSONAL PROTECTION**

VENTILATION: Local exhaust.

RESPIRATORY PROTECTION: Wear dust/mist respirator if ventilation is inadequate.

EYES PROTECTION: Safety glasses or goggles.

GLOVES: Rubber gloves.

OTHER CLOTHING AND EQUIPMENT: Rubber apron (optional).

WORK PRACTICES, HYGIENIC PRACTICES: Wash hands thoroughly with soap and water after handling and before eating or smoking.

SECTION 9**PHYSICAL / CHEMICAL PROPERTIES**

VAPOR DENSITY (AIR =1): N.D. **SPECIFIC GRAVITY:** 1.04 +/- 0.05

VAPOR PRESSURE (MM Hg): N.D. **MELTING POINT (°F):** N.D.

EVAPORATION RATE (BUTYL ACETATE=1): N.D. **BOILING POINT (°F):** N.D.

SOLUBILITY IN WATER: Complete **pH, neat:** 4.0-6.0

APPEARANCE AND ODOR: Clear, colorless liquid; mild odor.

SECTION 10**STABILITY AND REACTIVITY**

STABILITY: X STABLE UNSTABLE

CONDITIONS TO AVOID: None.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Oxides of carbon, nitrogen and sulfur.

HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR

SECTION 11**TOXICOLOGICAL INFORMATION****ACUTE EFFECTS:** See section 3.**IRRITATION DATA:** See section 3.**TOXICITY DATA:** None reported.**TARGET ORGAN DATA:** See section 3.**SECTION 12****ECOLOGICAL INFORMATION**

This material may be toxic to aquatic life.

SECTION 13**DISPOSAL CONSIDERATIONS**

Dispose of all chemical wastes at an appropriate waste disposal facility. Follow all local, state, and federal regulations for disposal of waste chemicals.

SECTION 14**TRANSPORT INFORMATION**

Not regulated by DOT (road, rail), IMDG (sea) or IATA/ICAO (air).

SECTION 15**REGULATORY INFORMATION**

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 in the TSCA inventory.

For the purposes of the New Jersey Right to Know Law, the contents are partially known.

SECTION 16**OTHER INFORMATION**

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