



# TECHNIC, INC.

## MATERIAL SAFETY DATA SHEET

### SECTION I PRODUCT IDENTIFICATION

TRADE NAME (as labeled): ADDITIVE S-1

CHEMICAL NAMES, COMMON NAMES: Ethoxylated tetra methyldecynediol, reaction product of ethylene oxide with 2,3,7,9-tetra methyl-5-decyn-4 diol

MANUFACTURER'S NAME & ADDRESS: PRODUCT CODE NO.: 318000

TECHNIC, INC.  
1 SPECTACLE STREET  
CRANSTON, RI 02910

EMERGENCY PHONE: (401) 781-6100

DATE PREPARED: August 1, 2003

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

### SECTION II HAZARDOUS INGREDIENTS

<u>CHEMICAL NAMES</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Ethoxylated tetra methyldecynediol $C_{14}H_{24}O(-CH_2-CH_2-O)_nH_2$	9014-85-1	0.95%	Acute oral toxicity LD <sub>50</sub> = 6400 mg/kg (rats) Acute dermal toxicity LD <sub>50</sub> => 1000 mg/kg (rabbits)

This product is a primary eye irritant.

The remainder of this solution consists of water that is not considered hazardous.

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 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: N.D.  
VAPOR PRESSURE (mm Hg): N.A.      MELTING POINT (degrees F): N.A.  
EVAPORATION RATE (BUTYL ACETATE=1): N.A.      BOILING POINT (degrees F): N.D.  
SOLUBILITY IN WATER: Complete.      pH: 5.0-6.0  
APPEARANCE AND ODOR: Water white solution; 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:**

<u>  X  </u>	WATER SPRAY	<u>      </u>	CARBON DIOXIDE	<u>      </u>	OTHER:
<u>      </u>	FOAM	<u>      </u>	DRY CHEMICAL		

Special Firefighting Procedures: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

**SECTION V HEALTH HAZARD INFORMATION**

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

INHALATION: Not known.

CONTACT WITH SKIN OR EYES: Irritant.

ABSORBED THROUGH SKIN: No.

SWALLOWED: Not known.

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

ACUTE: The effects of acute exposure to humans are unknown. There are no known reports of occupational systemic intoxication.

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**FIRST AID: EMERGENCY PROCEDURES**

EYE CONTACT: Immediately flush eyes gently with plenty of water for a minimum of 15 minutes. Call a physician.

SKIN CONTACT: Wash with plenty of soap and water.

INHALED: No specific treatment is indicated other than removal to fresh air.

SWALLOWED: Ingested material should be removed from the stomach by induced vomiting or suction.

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SUSPECTED CANCER AGENT?   X   NO        YES

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**SECTION VI REACTIVITY DATA**

Stability:   X   Stable        Unstable

CONDITIONS TO AVOID: Same as below.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing or dehydrating agents.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Acetylene gas (flammable), particularly in the presence of caustic.

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:**

Dam spill to prevent spreading. Absorb with sawdust or vermiculite and scoop into drums for disposal. Wash spill area with large volume of water and flush to industrial sewer. 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: Mechanical ventilation.

RESPIRATORY PROTECTION: Special respiratory protection is not required.

EYE PROTECTION: Chemical safety goggles or safety glasses with side shields. Do not wear contact lenses.

GLOVES: Rubber gloves. (cuffed)

OTHER CLOTHING AND EQUIPMENT: Rubber apron (optional)

WORK PRACTICES, HYGIENIC PRACTICES: Wash thoroughly after handling.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep containers closed.

Store in a cool, dry place.

<b>H</b> Health	<b>1</b>
<b>F</b> Flammability	<b>0</b>
<b>R</b> Reactivity	<b>1</b>
<b>Personal</b> <b>Protection</b>	<b>B</b>