

**HAWK CREEK LABORATORY, INC.**

Rd 1 Box 686, Simpson Rd., Glen Rock, PA 17327 (717-235-3849)

**MATERIAL SAFETY DATA SHEET**

NFPA Hazard Rating:  
Health - 1  
Flammability - 0  
Reactivity - 0

**I. GENERAL INFORMATION -----**

Code, Trade Name: **013-02987-000,**

**SOLID STATE STARTER COOLANT**

Chemical Name: Sodium Tetraborate/Sodium Nitrite/Sodium  
Mercaptobenzothiazole in Water

Chemical Family: Inorganic/Organic Salts in Water

**II. HAZARDOUS INGREDIENTS -----**

Sodium Tetraborate,	CAS #1330-43-4	<0.2% W/V
TLV/PEL: TWA: 5 mg/cu.m	TXDS: orl-hmn LDLo: 709 mg/kg	
Sodium Nitrite,	CAS #7632-00-0	<0.2% W/V
TLV/PEL: Not Established	TXDS: orl-rat LD50: 3020 mg/kg	
Sodium Mercaptobenzothiazole,	CAS #2492-26-4	<0.2% W/V
TLV/PEL: Not Established	TXDS: N/A	

Carcinogenicity: None of the above are listed (IARC).

**III. HEALTH HAZARD DATA -----**

May be harmful if swallowed or inhaled. May irritate eyes, skin, nasal and respiratory passages. Prolonged contact may cause allergic reaction. Ingestion may cause nausea and vomiting, headache, hair loss, and shock. Do not take internally.

**First Aid:**

Eyes: Flush with water for at least 15 min; get immediate medical assistance.

Skin: Remove contaminated clothing and wash with soap and water.

Inhalation: Move to fresh air & give artificial respiration if breathing has stopped.

Ingestion: If conscious induce vomiting. Get medical help.

**GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE!**

**IV. PHYSICAL DATA -----**

Boiling Point: N/A Specific Gravity: 1.0

Vapor Density: N/A

Water Solubility: Miscible

Appearance & Odor: Clear, light purple liquid.

**V. FIRE & EXPLOSION HAZARD DATA -----**

Flash Point: Nonflammable

Extinguishing Media: Media compatible with environment.

Special Procedures: Wear self contained breathing apparatus and protective clothing if necessary.

Unusual Fire & Explosion Hazards: None indicated.

**HAWK CREEK LABORATORY, INC.**

Rd 1 Box 686, Simpson Rd., Glen Rock, PA 17327 (717-235-3849)

**MATERIAL SAFETY DATA SHEET**

(Code, Trade Name: 013-02987-000, Solid State Starter Coolant)

**VI. REACTIVITY DATA -----**

Conditions To Avoid: None indicated.

Hazardous Combustion & Decomposition Products:

N/A

**VII. SPECIAL PROTECTION -----**

Provide adequate general and local exhaust ventilation.  
Protect eyes and skin with safety goggles and gloves.  
Do not get into eyes, on skin or clothing.  
Wear self contained breathing apparatus in high vapor areas.  
Do not breathe vapors or mist.

**VIII. HANDLING AND STORAGE PRECAUTIONS -----**

Keep container tightly closed.  
Store in cool, dry, well ventilated area.  
Keep away from ignition source, acids, oxidizers.  
Wash thoroughly after handling.  
Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

**IX. ENVIRONMENTAL PROTECTION -----**

Spill Response: Absorb with sand or vermiculite and scoop up and containerize for proper disposal.

Waste Disposal: Comply with all local, state and federal regulations.

The above information is to be used only as a guide, and does not profess to be all inclusive. Hawk Creek Laboratory shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available

Issue Date: 1/95

Revised: 5/95

(MSDS362A)