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## SCALE & CORROSION INHIBITOR

NFPA: 1-0-0

Data Sheet: 152

Prepared: 12/28/05  
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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

### SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens, are identified with an asterisk (\*) in this Section. For more information on exposure limits refer to 29 CFR 1910.1000.

<u>Ingredient(s)</u>	<u>ACGIH TLV</u>	<u>Percent</u>
Sodium 2-mercaptobenzothiazole (CAS# 2492-26-4)		<1%
Potassium hydroxide (CAS# 1310-58-3)	2 mg/m3	<1%

### SECTION 2: HAZARDS IDENTIFICATION

**Permissible Exposure Limits:** Not established for this product

**Effects of Acute Overexposure:**

**Eyes:** Exposure may cause severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and eye damage. Burning may not be immediately painful or visible. Prolonged or repeated exposure may cause irreversible eye damage including corneal damage and blindness.

**Skin:** Exposure may cause severe skin irritation. Symptoms may include redness, burning and severe skin damage.

**Breathing:** Exposure to dust is possible under certain conditions such as mixing or stirring and may cause irritation, or severe or irreversible respiratory tract damage.

**Swallowing:** Exposure may be harmful or fatal.

**Primary Route(s) of Entry:** Skin contact, eye contact, and inhalation.

**Effects of Chronic Overexposure:** None Known.

**Medical Conditions Aggravated by Exposure:** Not determined.

### SECTION 3: FIRST AID MEASURES

**Eyes:** Immediately remove individual from exposure area and into fresh air. Flush eyes with water for at least 30 minutes while holding eyelids apart. Seek medical attention.

**Skin:** Remove contaminated clothing immediately. Wash exposed area with large amounts of soap and water. If skin is damaged or symptoms develop, seek immediate medical attention.

**Breathing:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get immediate medical attention.

**Swallowing:** Do not induce vomiting. Get medical attention immediately. If individual is conscious and alert, immediately rinse mouth with water and dilute the swallowed material with milk or water. Seek immediate medical attention.

### SECTION 4: FIRE FIGHTING MEASURES

**Flash Point:** none below 212°F      **Explosive Limit:** n/a

**Extinguishing Media:** Foam, carbon dioxide, dry chemical

**Hazardous Decomposition Products:** n/a

**Fire Fighting Procedures:** Wear self contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fire fighting.

**Special Fire and Explosion Hazards:** None

### SECTION 5: ACCIDENTAL RELEASE MEASURES

**Spill procedures:** Ventilate area. Avoid breathing vapors. Wear appropriate protective clothing. Neutralize with soda ash; flush with plenty of water applied quickly to entire spill area.

### SECTION 6: HANDLING AND STORAGE

Keep containers closed when not in use. Do not transfer to unmarked containers. Loosen closure carefully. Dispose of according to all Local, State and Federal regulations.

### SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection:** If TLV is exceeded, use approved NIOSH/MESA respirator.

**Ventilation:** Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below the recommended exposure limits.

**Protective Gloves:** Wear chemical resistant gloves such as neoprene. Contact your safety equipment supplier.

**Eye Protection:** Chemical goggles and a face shield to prevent contact with the face or eyes, in compliance with OSHA regulations.

**Other Protective Equipment:** Wear impervious clothing and boots to prevent repeated or prolonged skin contact.

**SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES**

<u>Property</u>	<u>Measurement</u>	<u>Property</u>	<u>Measurement</u>
Boiling Point	above 212°F	Specific Gravity	1.2
Vapor Pressure	n/a	Solubility In Water	100%
Appearance	yellow liquid	Vapor Density	n/a
Percent Volatiles	n/a	pH	9-10

**SECTION 9: STABILITY AND REACTIVITY**

**Hazardous Polymerization:** Cannot occur.

**Stability:** Stable.

**Incompatibility:** Strong acids

**SECTION 10: TOXICOLOGICAL INFORMATION**

No data available at this time.

**SECTION 11: ECOLOGICAL INFORMATION**

No data available at this time.

**SECTION 12: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all Local, State, and Federal Regulations.

**SECTION 13: TRANSPORTATION INFORMATION**

**Dot Hazard Classification:** Compound cleaning liquid

**SECTION 14: REGULATORY INFORMATION**

**SARA TITLE III, section 313 chemicals:** None known

**SARA TITLE III, section 312 Health** --None known

**SECTION 15: OTHER INFORMATION**

Containers used to transport and store this material may be hazardous when emptied. Residue (Vapor, Liquid, and/or Solid) may be present in the emptied container. All hazard precautionary measures should be followed.

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of MSDS.