MATERIAL SAFETY DATA SHEET CONFORMS WITH OSHA FORM OMB NO. 1218-0072

ROEBIC IRON & RUST REMOVER

IDENTIFICATION

Date Prepared – 12/18/01

Product Name: Roebic Iron & Rust Remover

Person Preparing Document – David Lawler

Chemical Name: Sodium Hydrosulfite Blend

Synonyms: None

DOT Hazardous Class: N/A

DOT Shipping Name: N/A

Formula: Blend

Molecular Weight: Blend

CAS No.: N/A

CAS Name: N/A

UN No. N/A

Section 1

Manufacturer's Name:
Roebic Laboratories, Inc.

Address:
25 Connair Road, PO Box 927
Orange, CT 06477

Emergency Telephone Number:
CHEMTREC 1-800-424-9300

Telephone Number for Information:
1-203-795-1283

Section 2 HAZARDOUS COMPONENTS

			EXPOSURE LIMITS		
COMPONENT	**CAS NUMBER**	**PERCENT**	**OSHA PEL**	**ACGIH TLV**	**OTHER**
Sodium Hydrosulfite	7775-14-6	25%	None Est.	None Est.	Recommended limit 5mg/M^3 TWA (8HR.) 15 mg/M^3 Excursion (30 minutes)
Sodium Sulfate	7757-82-6	37.5%	None Est.	None Est.	None
Sodium Metabisulfite	7681-57-4	37.5%	None Est.	5 mg/M^3	5 mg/M^3

Section 3 PHYSICAL DATA

Physical State: Solid

Melting Point: Decomposes

Decomposes: 70-150°C / 158-302°F

Density, Bulk, g/cc: No specific information.

Solubility in Water, wt. %: No specific information.

Volatiles, Volume %: No specific information.

Odor: Sweet aroma.

Section 4 FIRE & EXPLOSION HAZARD DATA

Flash Point (test method) – N/A

Extinguishing Media - Deluge with water to extinguish this material as it has its own oxygen supply, thus making dry chemicals or carbon dioxide ineffective.

Unusual Fire & Explosion Hazards - None known.

Special Fire Fighting Procedures – Cool exposed containers with water spray. Self-contained breathing apparatus in confined areas.

Auto Ignition – N/A

Flammable Limits in Air % by Vol. – Lower: N/A Upper: N/A

Section 5 REACTIVITY DATA

Stable- Yes

Unstable- No

Conditions to avoid- Heat over 50°C, moisture.

Incompatibility (Materials to Avoid): Oxidizing Agents, Acidic Materials, Moisture

Hazardous Decomposition Products - A major decomposition product is Sulfur Dioxide; however, during catastrophic decomposition, other sulfur containing decomposition products such as Hydrogen Sulfide and mercaptans may be present.

Hazardous Polymerization Conditions to Avoid - N/A

Corrosive to Metal - N/A

Section 6 HEALTH HAZARD DATA

EFFECTS OF SINGLE EXPOSURE (ACUTE):

Inhalation - May cause respiratory irritation and bronchial spasms. Symptoms may include coughing and breathing difficulty. May cause severe respiratory distress in asthmatics. Asthmatics or persons with other respiratory disorders should be excluded from exposure.

Skin Contact - No specific information. Contains materials, which may cause severe skin irritation or chemical burns.

Skin Absorption - No specific information. Practically non-toxic by skin absorption.

Swallowing - No specific information. Contains materials that may be slightly toxic.

Eye Contact - No specific information. Contains materials, which may cause chemical burn in eye - damage irreversible.

EFFECTS OF REPEATED OVEREXPOSURE (CHRONIC):

Other Health Data: See acute inhalation hazards. Sulfur dioxide decomposition product may cause pulmonary irritation, bronchial spasms, and respiratory failure due to pulmonary edema.

Medical Conditions Aggravated by Overexposure - Asthma, respiratory disease.

EMERGENCY & FIRST AID PROCEDURES:

Swallowing - Remove from exposure. If appreciable quantities are ingested, seek medical attention.

Skin - Wash thoroughly with soap and water, rinsing with water for at least 15 minutes. Remove contaminated clothing. Do not reuse contaminated clothing until it is thoroughly washed.

Inhalation - Remove from exposure. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Seek medical assistance immediately.

Eyes - Remove from exposure. Flush eyes with fresh water for at least 15 minutes. Lift each eyelid to ensure thorough irrigation. Seek medical attention.

Other - No information.

Section 7 ENVIRONMENTAL DATA

Environmental Toxicity Data: Discharge to surface water will result in rapid depletion of oxygen and may effect aquatic life.

Spill or Leak Control Procedures: Contain and control all spilled material. Recover as a dry material. DO NOT FLUSH material to storm sewers, drains to municipal wastewater treatment systems or to surface water.

Hazardous Substances Superfund: No **RQ (lbs.)**: N/A

Waste Disposal Method: Discard solid waste to a hazardous waste treatment facility, which is being operated in compliance with state and federal regulations.

Hazardous Waste 40CFR261: No **Hazardous Waster Number**: N/A

Container Disposal Method: Triple rinse container with water. Discharge rinsate to an industrial wastewater treatment system or otherwise as directed by regulatory authorities. Cleaned container may be crushed and recycled as scrap or discarded to landfill.

Section 8 SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use NIOSH/MSHA approved respirator with acid gas cartridge and dust pre-filter for

Section 8 SPECIAL PROTECTION INFORMATION (cont.)

concentrations up to ten times the recommended exposure limit. For higher concentrations, as well as for firefighting and other emergencies, use protective pressure, self-contained breathing apparatus.

Protective Gloves: Use Neoprene or other impermeable-type gloves where skin contact is likely.

Eye Protection: Chemical goggles. **DO NOT** wear contact lenses.

Ventilation: Exhaust fans for localized ventilation.

Special Equipment: Clothing to cover exposed body parts. Eyewash. Safety shower.

Section 9 SPECIAL PRECAUTIONS

Handling and Storing:

Keep material dry and at temperatures below 50°C. Do not store containers to open to the air. Keep the container covered when material is not in use. Separate containers from oxidizers, acids and flammable materials. Avoid sources of heat or flame.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

Section 10 ADDITIONAL INFORMATION

Other Regulatory Information:

SARA Section 302 (Extremely Hazardous Substance List): None of the substances on page 1, Section 2 are regulated by SARA Section 302/304.

SARA Section 311/312 Hazard Categories: Immediate Health Hazard, Fire Hazard, and Reactivity Hazard.

SARA Section 313 (Toxic Chemical) List: None of the substances listed on page 1, Section 2 are regulated by SARA Section 313. However, Sodium Sulfate (solution) is required.

TSCA Inventory Status: All substances listed on page 1, Section 2 are on the TSCA Inventory.