

MATERIAL SAFETY DATA SHEET

THE TREAT-EM-RITE CORPORATION SP-20

3 HMIS Health
1 HMIS Flammability
1 HMIS Reactivity
C Personal Protection

SECTION 1 - IDENTIFICATION

Company Name: The Treat-Em-Rite Corporation
Post Office Box 214
Pearsall, Texas 78061-0214
Phone Number: (830) 334-4641
Emergency Phone Number: Chem Trec: (800) 424-9300
Effective Date: January, 2003
Trade Name: The Treat-Em-Rite Corporation SP-20
Family: Iron Sulfide Dissolver / Microbiocide
CAS Number: Blend
Chemical Formula: Confidential

SECTION 2 - COMPONENTS

Component	CAS#	Percentage
Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	50 - 70%

SECTION 3 - PHYSICAL DATA

Boiling Point (F): 229 Deg. F
Freezing Point (F): -43°C
Water Solubility: Complete
Appearance: Colorless to light amber oily liquid
Odor: Characteristic odor
Specific Gravity: 1.37 at 20°C
pH: 3.0
Vapor Density (Air=1): > 1

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Non-Flammable
Extinguish Media:	Carbon Dioxide, water fog, dry chemical, chemical foam.
Unusual Fire Hazard:	Closed containers can explode due to buildup of pressure when exposed to extreme heat.
Combustion Products:	Smoke, toxic fumes or vapors, oxides of carbon, phosphorous oxides and sulfur oxides.
Special Firefighting Instructions:	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Keep unnecessary people away, isolate hazard area and deny entry. Evacuate residents who are downwind of fire. Cool containers exposed to fire with water. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.

SECTION 5 - HEALTH HAZARD DATA

Inhalation Effects:	Expected to cause significant irritation to the lungs, upper respiratory tract and nose.
Effects to Skin:	Allergic skin reaction and sensitization may result from contact. Prolonged skin contact may cause irritation.
Effects to Eyes:	Expected to cause significant irritation to the eyes.
Ingestion Effects:	Expected to cause significant irritation to the digestive tract.
Chronic Effects:	This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.
First Aid Procedures:	Eye exposure: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention. Skin Exposure: In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Particular attention should be paid to hair, nose, ears and other areas not easily cleaned. Seek immediate medical attention.

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Inhalation: Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR. Seek immediate medical attention.
Ingestion: Wash out mouth with water and keep at rest. Seek immediate medical attention. Do not leave victim unattended.
Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

SECTION 6 - REACTIVITY DATA

Chemical Stability: Stable under normal handling and storage conditions.
Conditions to Avoid: Avoid excessively high temperatures and contact with alkalis or strong oxidizing agents. Unstable at high pH.
Incompatible Material: Strong oxidizers, strong alkalis.
Hazardous Polymerization: Will not occur.

SECTION 7 - SPILL OR LEAK PROCEDURE

For Spill: Remove ignition sources. Wear respirator. Small spill may be mopped up, flushed away with water, or absorbed on some absorbent material and incinerated. Large spills should be contained, the material then moved into containers, and disposed of by approved methods.
Waste Disposal Method: Make sure that all Federal, State and Local regulations are observed.

SECTION 8 - SPECIAL PROTECTION

Respiratory Protection: None required if good ventilation is maintained. For mist or vapor, wear NIOSH approved respirator.
Ventilation: Mechanical (explosion proof)
Skin Protection: Rubber or neoprene gloves.
Eye Protection: Splash proof safety goggles.
Other Protective Equipment: Impervious apron, eyewash facility, emergency shower, face shield.

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SECTION 9 - SPECIAL HANDLING AND DOT

Handling and Storage: Store in tightly closed containers. Store in a cool, dry, well ventilated area, away from oxidizers and bases.

Hazard Class: 8

DOT Shipping Name: Corrosive Liquid, Organic, N.O.S.

Reportable Quantity (RQ): N/A

UN Number: 1760

NA #: None

Packaging Size: Bulk and Drums

FOOTNOTES: N/A = Not Applicable ND = No Data Available
< = Less Than > = Greater Than

Prepared by: The Treat-Em-Rite Corporation Staff
Revised Date: January, 2003 (830) 334-4641

THIS PRODUCT'S HEALTH AND SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED OR IMPLIED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USERS' RESPONSIBILITY TO DETERMINE THE CONDITIONS OF SAFE USE. SUCH CONDITIONS MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS.

Trade Name: The Treat-Em-Rite Corporation SP-20

Signal Word: CAUTION!

Statement of Hazard: Causes eye damage. May be harmful if swallowed.

DOT Label Required: Corrosive

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SPECIAL NOTICE: In accordance with 40 CFR 372.45, this product contains the following materials which have been classified as TOXIC under SARA Title III Section 313. This page is a part of the Material Safety Data Sheet describing the above named product and shall not be detached. Any reproduction or distribution of this Material Safety Data Sheet after January 1, 1989 must include this page.

SECTION 11 - SARA TITLE III, SECTION 313

Toxic Chemicals	%	Prod. Cas. #
None		

SECTION 12 - TOXICITY

Acute Oral Toxicity: LD50 575 mg/kg (rat).
Acute Dermal Toxicity: LD50 >2000 mg/kg (rat).
Acute Inhalation Toxicity: LC50 22 mg/l (rat).
Primary Skin: Not expected to cause significant irritation to the skin.
Primary Eye: Expected to cause significant irritation to the eyes.
Chronic Toxicity: This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be probable or suspected human carcinogens.