

SAFETY DATA SHEET

ALAR 1750

Product ID: WT1750

Revised: 11-07-2022

Replaces: 06-15-2015

1. IDENTIFICATION

Product Identifier Used ALAR 1750

on the Label:

Product ID: PROPRIETARY

Recommended Use: No data available.

Restrictions on Use:

Alar Water Treatment LLC - An Ovivo Company
9651 W. 196th Street
Mokena, IL 60448
(708)479-6100

EMERGENCY RESPONSE NUMBERS:

24 Hour Emergency #: (414) 277-1311

CHEMTREC Emergency #: (800) 424-9300

2. HAZARD(S) IDENTIFICATION

GHS Classification(s): Substance or mixture corrosive to metals Category 1

Skin Corrosion/Irritation Category 1B

Serious Eye Damage/Eye Irritation Category 1

GHS Label Elements:

GHS Hazard Symbols:



Signal Word: Danger

Hazard Statements: May be corrosive to metals.
Causes severe skin burns and eye damage.

Precautionary Statements:

Prevention: Keep only in original container.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Specific treatment (see First Aid on SDS or on this label).
Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage.

Storage: Store in a secure manner.

Store in corrosive resistant container with a resistant inner liner.

Disposal: Dispose of in accordance with local, regional and international regulations.

Hazards not otherwise classified: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances/Mixtures:

| <u>Chemical or Common Name/Synonyms</u> | <u>CAS Number</u> | <u>% by Wt.</u> |
|---|-------------------|-----------------|
| Proprietary Precipitant | Proprietary | 100 % |

Note: Any chemical identity and/or exact percentage not expressly stated is being withheld as a trade secret or is due to batch variation.

4. FIRST-AID MEASURES

Description of Necessary Measures:

Eye Contact: If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.

Skin Contact: If on skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Do not reuse clothing and shoes until cleaned. Wash with soap and water.

Inhalation: If inhaled: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion: If swallowed: If fully conscious, drink a quart of water. DO NOT induce vomiting. CALL A PHYSICIAN IMMEDIATELY. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Most Important Symptoms/Effects, Acute and Delayed:

Eye Contact: CORROSIVE-Causes severe irritation and burns.

Skin Contact: CORROSIVE-Causes severe irritation and burns.

Skin Absorption: No data available.

Inhalation: No data available.

Ingestion: No data available. Do not swallow.

Indication of Immediate Medical Attention and Special Treatment Needed: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing agents appropriate for surrounding fire.

Specific Hazards Arising from the Chemical:

Fire and Explosion Hazards: None known.

Hazardous Combustion Products: None known.

Special Protective Equipment and Precautions for Fire-Fighters: Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-Approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, Emergency Procedures: Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8. Never exceed any occupational exposure limit.

Methods and Materials for Containment and Clean Up: Contain spill, place into drums for proper disposal. Soak up residue with inert absorbent material. Place in non-leaking containers for immediate disposal. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well ventilated area, out of direct sunlight. Store in a dry location away from heat. Keep away from incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers. Avoid excessive heat. Do not freeze. Store in corrosion-resistant container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Exposure Guidelines:

| <u>Component</u> | <u>Limits</u> |
|----------------------|---------------|
| No components found. | |

ACGIH Exposure Guidelines:

| <u>Component</u> | <u>Limits</u> |
|----------------------|---------------|
| No components found. | |

Appropriate Engineering Controls: General room ventilation is required. Avoid creating dust or mist. Maintain adequate ventilation. Do not use in closed or confined spaces.

Individual Protection Measures:

Eye/Face Protection: Wear safety glasses with side shields while handling this product. Wear additional eye protection such as a face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

Skin Protection: Prevent contact with this product. Wear gloves and protective clothing depending on condition of use. Protective gloves: Impervious.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. If dust or mist is present, wear: NIOSH-Approved respirator with: Dust/mist filter. DO NOT exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

Other Protective Equipment: Eye-wash station. Safety shower. Rubber apron. Chemical safety shoes. Rubber boots. Protective clothing.

General Hygiene Conditions: Wash with soap and water before meal times and at the end of each work shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Light red.

Odor: Slight sulfur odor.

Odor Threshold: N.D.
pH: 12 - 12.5 (as is)
Freezing Point (deg. F): 20
Melting Point (deg. F): N.D.
Initial Boiling Point or Boiling Range: ~ 212 °F
Flash Point: N.A.
Flash Point Method: N.A.
Evaporation Rate (nBuAc = 1): Similar to water
Flammability (solid, gas): N.D.
Lower Explosion Limit: N.A.
Upper Explosion Limit: N.A.
Vapor Pressure (mm Hg): Similar to water
Vapor Density (air=1): Similar to water
Specific Gravity or Relative Density: 1.125 - 1.150
Solubility in Water: Complete
Partition Coefficient (n-octanol/water): N.D.
Auto-ignition Temperature: No Data
Decomposition Temperature: N.D.
Viscosity: N.D.
% Volatile (wt%): N.D.
VOC (wt%): N.D.
VOC (lbs/gal): N.D.
Fire Point: N.D.

10. STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions.

Conditions to Avoid (e.g., static discharge, shock, or vibration): Avoid all forms of contamination.

Incompatible Materials: Strong oxidizing agents. Acids.

Hazardous Decomposition Products: Hydrogen sulfide gas.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Eyes. Ingestion. Inhalation. Skin.

Symptoms/Effects: Acute, Delayed and Chronic:

Eye Contact: CORROSIVE-Causes severe irritation and burns.

Skin Contact: CORROSIVE-Causes severe irritation and burns.

Skin Absorption: No data available.

Inhalation: No data available.

Ingestion: No data available. Do not swallow.

Numerical Measures of Toxicity:

| Component | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|------------------|--------------------|------------------------|
| No components found or no data available for product. | | | |

Cancer Information:

This product does not contain 0.1% or more of the known or potential carcinogens listed in NTP, IARC, or OSHA.

Medical Conditions Aggravated by Exposure to Product: None known.

Other: None known.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No data available.

Chemical Fate Information: No data available.

13. DISPOSAL CONSIDERATIONS

Hazardous Waste Number: Possible D002

Disposal Method: Dispose of in accordance with all local, state and federal regulations. DO NOT pressurize, cut, weld, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition.

14. TRANSPORTATION INFORMATION

DOT (Department of Transportation):

Identification Number: UN3266
Proper Shipping Name: Corrosive liquid, basic, inorganic, N.O.S. (contains Carbonothioylbishydropolysulfide disodium salt)
Hazard class: 8
Packing Group: III
Label Required: CORROSIVE

15. REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA Title III Section 311/312 Category Hazards: Please see Section 2 of this SDS.

| Regulated Components: | CAS | CERCLA | SARA | SARA | U.S. | WI | Prop |
|------------------------------|---------------|---------------|-------------|-------------|-------------|------------|-------------|
| Component | Number | RQ | EHS | 313 | HAP | HAP | 65 |

No components found.

***Prop 65 - May Contain the Following Trace Components:**

No data available.

16. OTHER INFORMATION

Hazard Rating System

Health: 1

Flammability: 0

Reactivity: 0

* = Chronic Health Hazard

NFPA Rating System

Health: 1

Flammability: 0

Reactivity: 0

Special Hazard: None

SDS Abbreviations

N.A. = Not Applicable

N.D. = Not Determined

HAP = Hazardous Air Pollutant

VOC = Volatile Organic Compound

C = Ceiling Limit

N.E./Not Estab. = Not Established

SDS Prepared by: CV

Reason for Revision: Changes made throughout the SDS.

Revised: 11-07-2022

Replaces: 06-15-2015

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which ALAR WATER TREATMENT LLC - AN OVIVO COMPANY assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.