

ProTreat-350

MSDS# ProTreat-350

November 2010

5 Pages

SECTION I-IDENTIFICATION

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name;

Pro-Treat 350 Condensate Pan Treatment

Manufacturer:

Diversitech Corp.

6650 Sugarloaf Parkway, Duluth, GA, 30097

EMERGENCY Phone No.: 1 + 800.255.3924 Chem-Tel (Chemical Emergencies)

Phone (For Information): 1 + 678.542.3600

Date Prepared: 11/29/2010

Prepared By: Anthony Jernigan

2. HAZARDS IDENTIFICATION

The toxicological properties of this compound have not been fully tested.

Inhalation: Dust may cause respiratory irritation.

Ingestion: Mildly toxic if swallowed. Swallowing may cause nausea, vomiting and diarrhea.

Skin Contact: Contact with skin can may irritation in sensitive individuals.

Eye Contact: Causes severe irritation to eyes on contact. Left untreated, eye contact with this product may cause blindness or permanent eye damage.

Chronic Exposure: Prolonged contact with skin may cause irritation, drying or dermatitis.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO	% or Range	Hazard Symbol	Risk Phrases
Tetradecyl Dimethylbenzyl ammonium chloride	139-08-2	10-30	Xn, C	R21/22; R34/36/38
Sodium Borate	1330-43-4	40-50		
Sodium Metasilicate	6832-94-0	30-40	C	R22, R34, R37

4. FIRST AID

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately, or call the nearest poison control center hotline or the National Poison Control Center Hotline at 1-800-222-1222 for advice.

Skin Contact: Wash the affected area with soap and water for at least 15 minutes. Rinse thoroughly. Remove contaminated clothing and shoes. If irritation persists, get medical attention. Wash clothing before reuse.

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5. FIREFIGHTING MEASURES

Explosion: Will not explode

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. SPILL/ACCIDENTAL RELEASE MEASURES

Uncontaminated product may be recovered and used as directed. Product contaminated with hazardous material should be dealt with on the basis of the hazardous component(s).

7. HANDLING AND STORAGE

Store in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of extreme heat, moisture and incompatibilities. Observe all warnings and precautions listed for the product. Keep this and all chemicals out of the reach of children. Wash hands thoroughly after handling. Avoid contact with skin and eyes. Avoid breathing dust. Empty containers may retain residue. All containers should be disposed of in an environmentally safe manner, in accordance with all governmental regulations.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): Not established

ACGIH Threshold Limit Value (TLV): Not established

Ventilation System: A system of local and/or general exhaust is recommended to maintain fresh air.

Personal Respirators (NIOSH Approved): None suggested for normal use.

Skin Protection: Wear impervious gloves to minimize prolonged skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield to minimize the risk of hazardous contact. Maintain eye wash fountain and quick-drench facilities or a source of running water in the work area.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize exposure. Wash hands after handling this material, and before eating or smoking.

9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >200°C

Specific gravity (H₂O = 1): 1.23

Vapor pressure (mm Hg): >1

Melting Point (Pour Point): 105°C

Vapor Density (Air = 1): Not applicable

Evaporation Rate (Water = 1): Does not apply

Solubility in water: 100% soluble

pH of 1% solution: 8-9

Appearance and odor: White tablet with a slight cationic surfactant odor.

10. STABILITY and REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: May evolve carbon monoxide, carbon dioxide, oxides of nitrogen, ammonia, hydrogen chloride and other unidentified fragments if this product is involved in a fire.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers, acids

Conditions to Avoid: Heat, incompatibles.

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11. TOXICOLOGY INFORMATION

Ingredient:

Alkyl C14 Dimethylbenzyl ammonium chloride, CAS# 139-08-2

Toxicity :

Acute Oral LD50: 18 mg/kg (mouse)

NTP Carcinogen: No

Sodium metasilicate, CAS# 6832-94-0:

Dusts may cause redness, pain and possibly corneal burns (blindness).

CHRONIC EXPOSURE: Effects depend on concentration and duration of exposure. Repeated or prolonged contact with alkaline substances may result in conjunctivitis, lens damage or other effects including blindness.

INGESTION: Ingestion may cause gastrointestinal upset with painful swallowing, abdominal pain, vomiting, nausea, diarrhea, and burns in the oral and alimentary canal.

Local Effects:

Skin irritation: Severe skin irritation. Causes burns.

Eye irritation: Severe eye irritation. Causes burns.

Inhalation: Causes chemical burns to the respiratory tract.

Ingestion: Causes digestive or gastrointestinal tract burns.

Sensitization: No information available

Chronic Toxicity No information available

Carcinogenic effects: No information available

Mutagenic Effects: No information available

Reproductive Effects: No information available

Teratogenic Effects: No information available

Target Organs: No information available

12. ECOLOGICAL INFORMATION

Ingredient:

Alkyl C14 Dimethylbenzyl ammonium chloride Cas# 139-08-2

Ecotoxicity effects: May cause long-term adverse effects in the aquatic environment.

Aquatic toxicity: No information available

Mobility: No information available

Persistence and degradability: No information available

Bioaccumulative potential: No information available

Environmental Fate: No data for mixture.

Environmental Toxicity: No data for mixture

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13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage and disposal. Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations.

This material and all associated wastes that cannot be used should be buried in an approved landfill in accordance with governmental regulations or managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

CONTAINER DISPOSAL: Do not reuse empty container. Wrap container and put in trash.

14. TRANSPORTATION INFORMATION

US DOT: None

International (Water, I.M.O.)

Proper Shipping Name: Not Classified

Hazard Class: none

UN/NA: Packing Group: N/A

15. REGULATORY INFORMATION

EC Classification: Not available

Labeling :

Risk phrases:

R21/22- Harmful in contact with skin and if swallowed

R34-Causes burns

R 37- Irritating to respiratory system

Safety phrases:

S2: Keep out of reach of children

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

US EPA

Comprehensive Environmental Response Compensation and Liability

Act of 1980 (CERCLA) requires notification is not required for this material.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III planning based on reporting is not required for quantities below 250 pounds.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: All components are on the TSCA inventory.

Poison Schedule: WHMIS: Not applicable. This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION:

NFPA Ratings: Health: 2 Flammability: 0 Reactivity: 0

HMIS II Rating: Health: 2 Flammability: 0 Reactivity: 0

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Label:**Warning:**

Caution: Contains Alkyl Dimethyl Benzyl Ammonium Chlorides

Precautionary Statements:

Keep out of reach of children.

Avoid contact with skin, eyes or mucous membranes.

Protect eyes and other portions of body when using.

First Aid:

In case of eye contact, flush thoroughly with water for 15 minutes, then get prompt medical attention.

For skin, wash thoroughly with water. If irritation persists, get medical attention.