

MATERIAL SAFETY DATA SHEET

MSDS

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Date-Issued: 09/12/1997
MSDS Ref. No: AHYD23508
Date-Revised: 09/12/1997
Revision No: New MSDS

Hydrotech Crystal Coat

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hydrotech Crystal Coat
GENERAL USE: Corrosion and scale inhibitor.

MANUFACTURER

Asepsis, Inc.
Hydrotech
P.O. Box 537
Avondale Estates, GA 30002
Customer SERVICE: (800) 959-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Poison Control Center (Medical)(877) 800-5553

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name

CAS# Wt.%

No Hazardous Materials are Contained in this Product.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE:

Granular particles.

IMMEDIATE CONCERNS:

As part of good personal hygiene and safety procedures, avoid all unnecessary exposure to the product and ensure prompt removal from eyes, skin and clothing.

POTENTIAL HEALTH EFFECTS

EYES:

This product would not be expected to produce irritation upon contact with the eye.

SKIN:

The product is not expected to cause skin irritation upon contact or to be hazardous through dermal absorption. No cases of skin sensitization have been reported.

INGESTION:

This product would be considered slightly toxic by ingestion. If ingested in large amounts, nausea, vomiting, and diarrhea are probable.

INHALATION:

This product is not expected to present an inhalation hazard.

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ROUTES OF ENTRY:

None

COMMENTS HEALTH:

There are no known chronic hazards.

4. FIRST AID MEASURES

EYES:

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

SKIN:

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

INGESTION:

Not an expected route of overexposure.

INHALATION:

Not an expected route of overexposure.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD:

This product is not flammable or combustible.

EXTINGUISHING MEDIA:

Any fire extinguishing media may be used on nearby fires.

OTHER CONSIDERATIONS:

Runoff from fire control or dilution water may cause pollution.

FIRE FIGHTING PROCEDURES:

Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and protective clothing are essential.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Utilizing appropriate protective clothing and safety equipment, contain spilled material. Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place in clean dry plastic containers for disposal. Dispose of according to local, state, and federal regulations.

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7. HANDLING AND STORAGE

HANDLING:

Mix only with water. Never add water to product. Always add product to large quantities of water. Do not mix with other chemicals. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion.

STORAGE:

Keep this product in original closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to dust/vapors.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE:

Wear goggles or safety glasses with side shields when handling this product.

SKIN:

No special requirement.

RESPIRATORY:

None required.

OTHER USE PRECAUTIONS:

Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

APPEARANCE: Granules

COLOR: White

pH: 7.5 to 8.5(5% solution)

SOLUBILITY IN WATER: Moderate

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

High temperature. Poor ventilation. Contamination. Moisture/high humidity.

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STABILITY:

This product is stable under normal conditions.

POLYMERIZATION:

Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS:

Disodium oxide, phosphorous oxides, and zinc oxide.

INCOMPATIBLE MATERIALS:

Carbon steel, copper, strong oxidizers.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:

Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

EMPTY CONTAINER:

Do not reuse container. Rinse thoroughly before discarding in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

OTHER SHIPPING INFORMATION: Bill of Lading Description - Compounds, Swimming Pool, Cleaning or Water Treating, Dry or Liquid (NMFC 50086)

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15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product or its components are not subject to export notification.

TSCA STATUS: This product or its components are listed on the TSCA Inventory.

RCRA STATUS:

This product, as sold, would not be considered a RCRA Hazardous Waste.

OSHA HAZARD COMM. RULE:

Product is not hazardous by definition of the Hazardous Communication Standard.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):

This product is not a registered pesticide.

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

NFPA CODES

HEALTH: 0 FIRE: 0 REACTIVITY: 0 SPECIAL: None

HMIS CODES

HEALTH: 0 FIRE: 0 REACTIVITY: 0 PROTECTION: A

MANUFACTURER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
