



Oxy-Lift Defense Pond Cleaner

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Section 1 - Identification

Trade Name: **Oxy-Lift Defense**
Chemical Family: Inorganic Compounds
Proper Shipping Name: OXIDIZING SOLID, NOS (SODIUM CARBONATE PEROXYHYDRATE)
Hazard Class: ORMD Consumer Commodity. Packaged in 2 lb and 10 lb Containers.
Reportable Quantity: None

Section 2 - Hazardous Ingredients

Sodium Carbonate Peroxyhydrate: CAS # 15630-89-4: < 70%
Sodium Carbonate: CAS # 497-19-8: > 30%
Ingredients not precisely identified are proprietary.
Hazard Class: ORMD Consumer Commodity. Packaged in 2 lb and 10 lb Containers. This product is a consumer product. If used as recommended, in a manner typical to that of a consumer, protective measures other than those indicated in this MSDS, and on the product label, are normally not necessary. Where the usage conditions or the extent of exposure differ from typical consumer use, appropriate protective measures (goggles, rubber gloves, protective clothing, NIOSH-approved respiratory protection, etc.) are recommended.
NUISANCE DUST OR PARTICULATES:
Total Dust: TWA 15 mg/m³ OSHA
Total Dust: TLV 10 mg/m³ ACGIH
Respirable Dust: TWA 5 mg/m³ OSHA

Section 3 - Physical Data

Boiling Point: N/D
Freezing Point: N/D
Specific Gravity (H₂O=1): N/D
Vapor Pressure (MM HG.): N/D
Vapor Density (AIR=1): N/D
Evaporation Rate (NA=1): N/D
Solubility in Water: 10%
Percent Volatile by Volume: N/D
pH: Aqueous approximately > OR = 10.000
Appearance: SOLID, POWDER, CRYSTAL, FLAKE, GRANULE, TABLET, PRILL, BRIQUETTE, ETC.
Odor: None

Section 4 - Fire and Explosion Hazard Data

Flash Point (METHOD): > OR = N/A
Flammable Limits (% Volume in Air) UPPER: N/D Lower: N/D
HMIS Information: Health: 1 - Fire: 0 - React: 1 - Special: X
EXTINGUISHING MEDIA: Water spray
FIRE FIGHTING PROCEDURES: Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious, protective clothing.
UNUSUAL FIRE & EXPLOSION HAZARDS: Product is an oxidizer. It may react vigorously with organics or other materials resulting in an explosion and fire. Intense heat may cause pressure buildup and rupture container.

Section 5 - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Inorganic acids metals/metal blends. Product is an oxidizer. It may react vigorously with organics or other materials resulting in an explosion and fire. Avoid contact with strong reducing agents which include hydrogen, hydrazine, sulfides, sulfites, and nitrites.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide

HAZARDOUS POLYMERIZATION: Will not occur

Material Safety Data Sheet (Continued)

Oxi-Boost

Section 6 - Health Hazard Assessment

EYES: Eye contact with product may cause irritation

SKIN: Skin contact may cause irritation

INHALATION: Inhalation may cause irritation

INGESTION: Ingestion may cause irritation

NO TARGET ORGANS CURRENTLY KNOWN WHICH OVEREXPOSURE MAY CAUSE DAMAGE TO, DISORDERS OF, OR ADVERSELY AFFECT BODY SYSTEMS, FUNCTIONS OR ORGANS:

FIRST AID EYES: Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN: Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

FIRST AID INHALATION: Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

FIRST AID INGESTION: DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately.

OTHER INFORMATION: Routes of entry are skin, contact and inhalation

Section 7 - Spill or Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Evacuate non essential personnel, eliminate ignition sources, and wear protective equipment (See Section 8). Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities. DISPOSAL METHOD: Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State.

Section 8 - Special Protection Information

PROTECTIVE EQUIPMENT EYES: Wear a faceshield. Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.

PROTECTIVE EQUIPMENT SKIN: Wear clean, protective clothing and impervious gloves

PROTECTIVE EQUIPMENT INHALATION: If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator, approved for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available. VENTILATION REQUIRED: Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements. Local mechanical ventilation may be required. ADDITIONAL PROTECTIVE MEASURES: Safety shower, eye wash fountain, and washing facilities should be readily available.

Section 9 - Special Precautions or Other Comments

Precautions to be taken in handling or storing: Prevent skin and eye contact. Avoid creating aerosol. Wash hands thoroughly with soap and water after use. Avoid creating dust. Keep out of the reach of children! Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do not breathe dust. Do not get in eyes, on skin, or clothing. Keep from contact with clothing or other combustible materials. Do not swallow. HANDLING: For industrial use only. ATTENTION: This container hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed. STORAGE: Keep

container closed when not in use. Store in a cool dry place. Store in accordance with NFPA requirements. Keep out of reach of children.

The above information is given in good faith, and is based upon research of others, and is believed to be accurate by CassCo. No known relevant information has been omitted. The above information is designed to enable the User to use the product safely, and is provided solely for the User's assistance in complying with the Occupational Safety and Health Act of 1970, and the regulations thereunder. Any other use is prohibited. CassCo assumes no responsibility or liability for any loss, injury, or damage, which may occur from the use or misuse of their products. Also, because actual use by others is beyond our control, no guarantee or warranty, is either expressed or implied, by CassCo, as to the product or its use or misuse. Where the Customer has concerns, it is recommended that the Customer(s) perform their own tests.