



Material Safety Data

N/A=Not Applicable

(Prepared According To 29 CFR 1910, 1200)

Effective Date: 1/1/04

Product Identification

Product Name: Hydra Boost
Generic Name: Sodium Percarbonate
Supplier's Name: HydraMaster
Supplier's Address: 11015 47th Avenue West, Mukilteo, WA 98275

Chemical Family: Cleaner
Formula: Mixture
Phone Number: (425) 775-7272
Emergency: (800) 424-9300

NPCHA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	1
Maximum Personal Protection	A

Ingredients

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Sodium Carbonate Peroxyhydrate	15630-89-4	59.5%	*	*	N/A	No
Sodium Carbonate	497-19-8	38.9%	*	*	N/A	No
Sodium Metasilicate	6834-92-0	0.9%	*	*	N/A	No

* This crystalline material may form dusts upon attrition.

PEL: Total dust 15 mg/m³ TWA, Respirable fraction 5 mg/m³ TWA

TLV: Inhalable particulate (1989) 10mg/m³ TWA, Respirable particulate (1995) 3 mg/m³ TWA

Physical Data

Boiling Range: N/D
Vapor Pressure: N/D
% Volatile: N/D
Solubility in Water: 140 g/L@24°C(75°F)
Physical Description: White granular solid, odorless.

Specific Gravity: N/D
Bulk Density: 1.0 - 1.2 g/cm³
pH: 1% solution: 10.4 - 10.6
Evaporation Rate: N/D

Reactivity Data

Stability: Stable
Hazardous Polymerization: N/D
Incompatibility (Materials to Avoid): Water, acids, bases, salts of heavy metals, reducing agents, organic materials, flammable substances.
Hazardous Decomposition Products: Oxyge. Decomposition releases steam/heat.

Fire and Explosion Hazard Data

Concentrate Flash Point (Method): None
Propellant Flash Point (Method): N/A
Flash Point (Method): N/A
Extinguishing Media: Water

Explosive Limits
Upper: N/A
Lower: N/A

Special Fire Fighting Procedures: Evacuate all non-essential personnel. Personnel should wear normal protective equipment (full bunker gear) and positive pressure self-contained breathing apparatus. Intervention only by capable personnel who are trained and aware of the hazards of the product. If safe to do so, remove unaffected product to a safe area.

Unusual Fire and Explosion Hazards: None

Storage and Handling Information

Precautions to be Taken in Handling and Storage: Clean and dry process piping and equipment before using this product. Never return unused product to original storage container. Keep away from incompatible products. Containers and equipment used to handle the product should be used exclusively for that product. Avoid any contact with water or humidity. For more information, consult the supplier. Storage: In a dry area. Protect from direct sunlight. Keep away from heat sources. Keep away from reactive products. Store in vented containers. Store at temperatures less than 40°C (104°F).

Other Precautions: None.

Health Hazards and First Aid

Effect of Overexposure:

Primary Route of Entry:

Skin: Slight irritation. In case of repeated contact; risk of dermatitis.
Eyes: Severe eye irritation, watering and redness, can cause burns to the eye. Risk of serious or permanent eye lesions.
Inhalation: Slight nose and throat irritation. At high concentrations, cough. In case of repeated or prolonged exposure: risk of sore throat, nose bleeds, chronic bronchitis.
Ingestion: Severe irritation of the mouth, throat, esophagus and stomach. Bloating of stomach, belching. Nausea, vomiting and diarrhea.

First Aid Procedures

Skin: Remove contaminated shoes, socks and clothing; wash the affected skin with running water. Clean clothing. Consult a physician in case of persistent pain or redness.
Eyes: Flush eyes with running water for 15 minutes, while keeping the eyelids wide open. Consult with an ophthalmologist in all cases.
Inhalation: Remove the subject from dusty environment. Consult with a physician in case of respiratory symptoms.
Ingestion: Consult with a physician in all cases. If the subject is completely conscious, rinse mouth and administer fresh water. Do not induce vomiting. If the subject is unconscious, loosen collar and tight clothing, lay the victim on his/her left side, give nothing by mouth. Keep warm with blanket. Do not induce vomiting.

Special Protection Information

Respiratory Protection: For many conditions, no respiratory protection may be needed, however; in dusty or unknown atmospheres use a NIOSH approved dust respirator.
Protective Gloves: Impervious protective gloves made of PVC or rubber.
Other Protective Equipment: Skin - For brief contact, few precautions other than clean body-covering clothing should be needed. When prolonged or frequently repeated contact could occur, use protective, full body clothing, such as PVC or rubber, impervious to this material.

Ventilation: N/D

Eye Protection: Dust proof chemical goggles.

Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled:

Collect the product with suitable means, shovel or sweep, avoiding dust formation. All receiving equipment should be clean, dry, vented, labeled and made of material that is compatible with the product. Do not return spilled or contaminated material to inventory. Clean the area with large quantities of water.

Waste Disposal Method:

Dispose of in an approved waster facility operated by an authorized contractor in compliance with federal, state and local regulations. The empty and clean containers are to recycled or disposed of in conformity with local regulations.