

HDAC**Heavy Duty Acidic Cleaner**

MIRACLE
Sealants Company

www.miraclesealants.com

**Osha's Hazard Communication Standard
U.S. Department Of Labor**

 29 CFR 1910.1200 OMB No. 1218-0072
 Identity No: Name: Heavy Duty Acidic Cleaner
Section 1
 Manufacturers Name: Miracle Sealants Company
 Address: 12318 Lower Azusa Road
 Emergency Phone: 800-350-1901
 City: Arcadia
 State: CA
 Phone: 626-443-6433
 Date Prepared: 02 - 2012
Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Hydrochloric Acid	7647-01-0	5ppm	5ppm
VOC : 0% by weight			

Section 3 - Physical/Chemical Characteristics

Boiling point: > 212°F	Specific gravity: 1.125
Vapor pressure : Not tested	Melting point: Not tested
Vapor Density : Not tested	Evaporation rate: Not tested
Solubility in water: 100%	
pH: 0.5-2.0	

Appearance and odor: Amber color, acrid odor

Section 4 - Fire And Explosion Hazard Data
 Flash point: Not Available Flammable limits: Not tested
 LEL: Not tested UEL: Not tested

NFPA hazard rating (0 = Least, 4 = Extreme)

 Health: 3 Fire: 0
 Reactivity: 0 Other: 0

HMIS Hazard Rating:

 Health: 3 Fire: 0
 Reactivity: 0

Extinguishing media: None

Special fire fighting procedures: None

Section 5 - Reactivity Data

Stability: Stable

Conditions to avoid: None

Incompatible materials to avoid: Strong oxidizers, ammonia

Hazardous Polymerization: Will not occur.

Hazardous decomposition products: CO, CO₂**Section 6 - Health Hazard Data****Routes of Entry:**
 Eyes - Possible
 Inhalation - Possible
 Skin - Possible
 Ingestion - Possible
 Health hazards: Same as signs and symptoms of overexposure.

Carcinogenicity:

OSHA: None NTP: None

IARC Monographs: None

Sign And Symptoms Of Over Exposure:

Eyes: Burning sensation.

Skin: Severe irritation.

Ingestion: Poisonous, vomiting, irritation.

Inhalation: Burning Irritation.

Medical conditions aggravated: None known.

Emergency and First Aid Procedures:**Eyes:** Flush with water for 15 minutes. If irritation persists, call a physician.**Skin:** Wash with soap and water. If irritation persists, call a physician.**Ingestion:** Do not induce vomiting. Call a physician or Poison Control Center immediately.**Inhalation:** Get person to fresh air. If unconscious, call a physician.**Section 7 - Precautions and Safe Handling And Use**

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

Waste disposal method: Dispose of in accordance with local, state, and federal regulations.

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze less than or equal to 32° F or heat above 110° F.

Other precautions: **KEEP OUT OF REACH OF CHILDREN.** Follow directions on the container for proper use of this product.**Section 8 - Control Measures**

Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Rubber or plastic, chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses or goggles.

Other protective clothing or equipment: Chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/ documents for up-to-date information.

DOT#: NA 1760 DOT Hazard Class: Not Available

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: No SARA 313 chemicals identified.**NOTE:** Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.