

PAVER PREP

SECTION I – PRODUCT IDENTIFICATION

Manufacturer's Name:

Pave Tech
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Name: Paver Prep
Class: 92.5
CAS No.: 7647-01-0 Hydrochloric Acid
 7732-18-5 Water
UN No.: 1789

SECTION II – HAZARDOUS INGREDIENTS

Hydrochloric Acid	>25%
Phosphoric Acid	<5%
Oxalid Acid	<5%

SECTION III – PHYSICAL DATA

VOC: 0 g/L
APPEARANCE: Blue liquid
ODOR: Muriatic Acid
pH: <1
WATER SOLUBILITY: Completely
BOILING POINT: 210°F
SPECIFIC GRAVITY (H₂O=1): 1.16
VAPOR PRESSURE (mm Hg): 39 (75oF)

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

SPECIAL FIRE FIGHTING PROCEDURES: Avoid skin and eye contact, and breathing of vapors. Wear head and body protection and HCl respirator if exposure to liquid is likely.

UNUSUAL FIRE & EXPLOSION HAZARD: Closed containers may explode due to build up of pressure when exposed to heat. Containers exposed to fire should be kept cool with water spray.

SECTION V – HEALTH HAZARD DATA

POSSIBLE ROUTES OF ENTRY: Inhalation, Ingestion, Skin Absorption, Eyes.

EYE CONTACT: Corrosive. Causes eye damage. Wear splash proof goggles. Provide convenient eyewash stations.

SKIN CONTACT: Corrosive. Causes irritation and burns. Wear acid-resistant protective gloves, boots, and clothing. Provide convenient safety showers.

INHALATION (Breathing): Breathing vapors can cause respiratory irritation and inflammation. Breathing of mist or liquid can cause burns. Wear approved HCl vapor/mist respirator if exposure is likely.

INGESTION (Swallowing): Corrosive. Causes irritation and burning in mouth, esophagus, throat and stomach. Avoid swallowing.

PAVER PREP (continued)

EFFECTS OF OVEREXPOSURE: Inhalation of vapors may cause pulmonary edema, collapse of circulatory system and damage to the upper respiratory system and collapse. Inhalation may cause coughing, throat burning, choking, bronchitis and difficulty breathing. Ingestion is harmful and may be fatal. Ingestion may cause burns.

FIRST AID PROCEDURES

EYE CONTACT: Flush immediately with plenty of water for at least 15 minutes. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT: Remove contaminated clothing. Wash skin thoroughly with water for 15 minutes. Get medical attention if burns persist.

INHALATION (Breathing): Remove to fresh air. Give artificial respiration or oxygen if needed. Get prompt medical attention.

INGESTION (Swallowing): Drink lots of water or, preferably, milk. Get medical attention if effects persist. Do not induce vomiting.

SECTION VI – REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY: Strong alkalis, materials not resistant to strong acids, active metals (zinc, aluminum, magnesium, etc).

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride vapors. Contact with active metals can release flammable gas.

HAZARDOUS POLYMERIZATION: Occurs.

SECTION VII – SPILL OR LEAK PROCEDURES

RELEASE OR SPILL: Small spills can be flushed into normal drainage or into ground with copious amount of water, or taken up with absorbent material. Larger spills should be contained by diking or other methods and held for collection and/or reuse, or for neutralization with alkali before collection and disposal. People should use eye and skin protection and respirator.

WASTE DISPOSAL: If neutralized, may be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility. As supplied, this product is a RCRA hazardous waste.

SECTION VIII – SPECIAL PROTECTION

VENTILATION: Areas of use and storage should be ventilated adequately to reduce vapors below odor level.

SECTION IX – SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Check daily for any leaks from containers, vessels, pumps, and piping. Have water hoses and alkali (caustic soda, lime, etc.) convenient. Only use containers and equipment designed for acid service.

EMPTY CONTAINERS: Rinse well before handling and disposal.

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