

MATERIAL SAFETY DATA SHEET

PAVER DE-STAINER™


PAVE CHEM[®]
 SEALERS, CLEANERS and ADHESIVES
SECTION I – PRODUCT IDENTIFICATION**Manufacturer's Name:**

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Name: Paver De-Stainer**Class:** 92.5**CAS No.:** 7647-01-0 Hydrochloric Acid
7664-38-2 Phosphoric Acid**UN No.:** 1760**SECTION II – HAZARDOUS INGREDIENTS**

Hydrochloric Acid >20%
 Phosphoric Acid <15%

SECTION III – PHYSICAL DATA**VOC:** 0 g/L**pH:** <1**WATER SOLUBILITY:** Completely**VISCOSITY Cp @ 25°C:** A-5 Gardner**BOILING POINT:** 210°F**MELTING POINT:** n/a**SPECIFIC GRAVITY (H₂O = 1):** 1.21**VAPOR PRESSURE (mm HG):** >air**SECTION IV – FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** none**EXTINGUISHING MEDIA:** NA – non-flammable.**SPECIAL FIRE FIGHTING PROCEDURES:** Avoid skin and eye contact, and breathing of acid vapors. Wear head and body protection and HCl respirator if exposure to liquid is likely.**SECTION V – HEALTH HAZARD DATA****POSSIBLE ROUTES OF ENTRY:** Inhalation, Ingestion, Skin Absorption, Eyes.**PRECAUTIONARY INFORMATION:** Overexposure to product has the following effects: 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 difficult breathing. Ingestion is harmful and may be fatal. Ingestion may cause burns.**EFFECTS OF OVEREXPOSURE****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.**SKIN:** Corrosive. Causes irritation and burns. Wear acid-resistant protective gloves, boots, and clothing. Provide convenient safety showers.**EYES:** Corrosive. Causes eye damage. Wear splash proof goggles. Provide convenient eyewash stations.**INGESTION (Swallowing):** Corrosive. Causes irritation and burning in mouth, esophagus, throat and stomach.

PAVERDE-STAINER (continued)

FIRST AID PROCEDURES

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

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

EYES: Flush immediately with water for 15 minutes. Get prompt medical attention.

INGESTION (Swallowing): Avoid 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 amounts 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. Rinse empty containers well before handling and disposal.

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.

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