

MATERIAL SAFETY DATA SHEET

F-8

Latest Revision Date...08/25/14

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SECTION 1 MANUFACTURER INFORMATION

PRESSURE TEK SALES
905 CANTERBURY ROAD, UNIT F
WESTLAKE, OHIO 44145
PH. (440) 250-2144 FAX (216) 803-4351

SECTION 2 PRODUCT IDENTIFICATION

PRODUCT NUMBER..... PTS F8
TRADE NAME OR CHEMICAL NAME... F-8
SYNONYMS..... NA
CHEMICAL FAMILY..... Dry Acidic Cleaner
NFPA - HEALTH HAZARD..... 2
FIRE HAZARD..... 0
REACTIVITY HAZARD..... 0
NFPA SCALE..... 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
KEY..... NA= Not Applicable ND= Not Determined

SECTION 3 HAZARDOUS INGREDIENTS

Table with 7 columns: CHEMICAL NAME(S), CAS NUMBER, % WT, TLV-TWA, PEL, SEC.313, CARCINOGEN?. Row 1: Oxalic Acid, 144-62-7, >95, 1 mg/m3, 1 mg/m3, No, No

SECTION 4 SHIPPING DATA

D.O.T. PROPER SHIPPING NAME... NA
D.O.T. HAZARD CLASS..... NA
D.O.T. LABELS REQUIRED..... NA
UN/NA I.D. NUMBER..... NA
PACKAGING GROUP..... NA
NON-BULK SHIPPING NAME..... Cleaning Compound, Dry
BULK SHIPPING NAME.....

SECTION 5 PHYSICAL DATA

BOILING/FREEZING POINT @760 mmHg... NA
pH..... 1.3 (1% Solution)
VAPOR PRESSURE mm Hg @20° C..... Negligible
VAPOR DENSITY (Air = 1)..... NA
PERCENT VOLATILE BY WEIGHT (%)..... 0
SPECIFIC GRAVITY @20°C..... NA
SOLUBILITY IN WATER..... 10%
EVAPORATION RATE..... NA
APPEARANCE AND ODOR..... Off-white crystalline powder with faint odor.

SECTION 6 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Test Method)..... NA
AUTOIGNITION TEMPERATURE..... NA
FLAMMABILITY LIMITS IN AIR (% V)... NA

SECTION 6FIRE AND EXPLOSION HAZARD DATA

CONT'D

EXTINGUISHING MEDIA..... Use water spray or carbon dioxide on fires involving this material.  
 SPECIAL FIRE FIGHTING PROCEDURES... Formic acid, carbon monoxide and unidentified gasses may be liberated in hot fires. Wear self-contained breathing apparatus.  
 UNUSUAL FIRE & EXPLOSION HAZARDS... NA

SECTION 7REACTIVITY DATA

PRODUCT STABILITY..... Stable  
 Conditions to Avoid..... Temperatures above 212°F (100°C).  
 CHEMICAL INCOMPATIBILITY..... Alkaline material and oxidizers.  
 HAZARDOUS DECOMPOSITION PRODUCTS... Thermal decomposition will release toxic and corrosive gasses.  
 HAZARDOUS POLYMERIZATION..... Will Not Occur

SECTION 8HEALTH HAZARD DATA

SKIN CONTACT... May be corrosive to skin upon extended contact.  
 EYE CONTACT... May be corrosive to corneal tissues.  
 INHALATION... Mists and vapors may cause irritation and can be corrosive to nose, throat and lungs.  
 INGESTION... A strong poison if taken internally. Affects the central nervous system and kidney function. Can cause hypocalcemia. As little as 5 grams have proven fatal. LD 50 (5% solution)= 375 mg/kg. May be corrosive to esophageal linings.

SECTION 9EMERGENCY AND FIRST AID PROCEDURES

SKIN..... Remove contaminated clothing and flush exposed skin with soap and water. If irritation persists or develops get medical attention. Launder contaminated clothing before reuse.  
 EYES..... Immediately flush eyes with large amounts of water for 15 minutes and get medical attention.  
 INGESTION... If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately. Never give anything by mouth to an unconscious person.  
 INHALATION... Move to fresh air. Aid in breathing, if necessary, and get medical attention.

SECTION 10ENVIRONMENTAL DATA

SPILL OR LEAK PROCEDURES... Avoid skin contact. Carefully sweep up and place non-useable material in suitable container for disposal. Flush neutralized residues with water to sanitary sewer.  
 WASTE DISPOSAL METHOD... Solutions are corrosive. Dispose of in accordance with all federal, state and local regulations.  
 HAZARDOUS WASTE 40CFR261... Yes. Hazardous Waste Number: D002  
 CONTAINER DISPOSAL... Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse, or disposal in accordance with governmental regulations.

SECTION 11SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION... NIOSH/MSHA approved filter type mask for dusts, fumes and mists as needed to maintain P.E.L.  
 VENTILATION... Local and/or mechanical exhaust to maintain exposure below P.E.L.  
 PROTECTIVE CLOTHING... Neoprene gloves, apron, boots - as necessary to prevent skin contact.  
 EYE PROTECTION... Chemical goggles.  
 OTHER PRECAUTIONS... Safety shower and eyewash fountains should be easily accessible.

SECTION 12SUPPLIER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. The data on this sheet relates only to the specific material designated herein. Manufacturer assumes no legal responsibility for use or reliance upon this data.