

MATERIAL SAFETY DATA SHEET

**POTASSIUM PERMANGANATE
(PRO POT PERM)**

Pro Products, LLC
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PRO PRODUCTS, LLC
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HMIS INFORMATION

Health: 2
Flammability: 0
Reactivity: 1
Special Hazard: Oxidizer

In case of emergency call: CHEMTREC 1-800-424-9300

SECTION 1: PRODUCT INFORMATION

TRADE NAME: Potassium Permanganate
DESCRIPTION: Salt Crystal

SECTION 2: HAZARDOUS INGREDIENTS

	<u>CAS#</u>	<u>PEL</u>	<u>TLV</u>
Potassium Permanganate	7722-64-7	N/A	N/A*
<i>*Manufacturer recommends a Ceiling exposure limit of 5 mg/m³</i>			

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOR, ODOR: Dark purple solid with a metallic luster, odorless
BOILING POINT: NA
VAPOR PRESSURE: NA
EVAPORATION RATE: NA
SP. GRAVITY: (water=1): 2.7
PERCENT VOLATILE: NONE

VAPOR DENSITY: NA
SOLUBILITY IN WATER: 6.0% @ 20! c
20.0% @ 65! c

ND=NO DATA NA = NOT APPLICABLE

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT AND METHOD USED: None
EXTINGUISHING MEDIA: Use large quantities of water. Watch for rapid burning and be prepared to retreat to a safe distance. In presence of white, yellow, or brown fumes, wear a positive pressure SCBA and full protective clothing.
EXPLOSION HAZARD: Powerful oxidizer. May decompose spontaneously if exposed to intense heat (150! C/302! F). May be explosive in contact with some other chemicals. May react violently with finely divided and readily oxidizable substance. Increases flammability of combustible materials.

SECTION 5: CHEMICAL REACTIVITY

REACTIVITY: Stable under normal conditions.
CONDITIONS TO AVOID: Contact with incompatible materials or heat (>150! C/302! F).
CHEMICAL INCOMPATIBILITIES: Contact with acids, peroxides, and all combustible organic or readily oxidizable materials including inorganic oxidizable materials and metal powders. With hydrochloric acid, chlorine gas is liberated. Do not mix with formaldehyde.
HAZARDOUS DECOMPOSITION: Thermal decomposition products include corrosive fumes or smoke.

