

Hukill Chemical Corporation
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Technical Data Sheet

Potassium Permanganate Powder

CAS # 7722-64-7

TECHNICAL DATA

TYPICAL ANALYSIS

Potassium Permanganate wt%

Water, Wt%

Chlorides (Cl), PPM

Sulfate (SO₄), PPM

SPECIFICATIONS

97% Minimum

0.5% Maximum

1000PPM Maximum

2000PPM Maximum

PHYSICAL PROPERTIES

#/Gallon

1.00

Flash Point

None

Appearance & Odor

Odorless purple crystals

Physical State

Solid

Stability - Conditions to Avoid

Stable-None.

Incompatibility

acids, powdered metals, halogens and halogenated materials, other strong oxidizers, reducing agents, sulfur and sulfites, organics, Fe/Hg salts

Hazardous Decomposition

Oxygen and metal oxides

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Oxidizers decompose, especially when heated, to yield oxygen or other gases which will increase the burning rate of other combustible matter. Contact with easily oxidizable, organic or other combustible materials may result in ignition, violent combustion or explosion.

USES & APPLICATIONS

Oxidizer, disinfectant, deodorizer, bleach dye, tanning, radioactive decontamination of skin, reagent in analytical chemistry, medicine manufacture of organic chemicals, air and water purification.

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