



Product Specification

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POTASSIUM PERMANGANATE

PRODUCT CODE	H61375
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7722-64-7)
ATOMIC OR MOLECULAR FORMULA	KMnO ₄
ATOMIC OR MOLECULAR WEIGHT	158.03
PROPERTIES	Decomposes ~240°C with evolution of oxygen; Decomposes by alcohol and many other organic solvents, also by concentrated acids.

KMnO₄

PARAMETER	LIMIT
Description	Dark purple or brownish black to almost black crystals with metallic lusture .
Solubility	5% solution in water is clear.
Assay (Iodometric)	99.0%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (on silica gel)	0.5%
Insoluble matter	0.2%
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.05%

Note(s) : Assay (if applicable) method mentioned.

DANGER Hazard statements :May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects. Precautionary statements Prevention : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. Response :If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS. Disposal : The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. Add bromine / iodine / inorganic peroxide / oxidants to be disposed to large amount of water and then make harmless by addition of acidic sodium thiosulphate solution	IMDG Code : 5.1/II UN No. : 1490 IATA : 5.1
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Hazard Pictogram(s) :



GHS03

GHS05

GHS07