



Product Specification

cdhfinechemical.com

POTASSIUM PERMANGANATE PURIFIED

PRODUCT CODE	029644
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.
PARAMETER	LIMIT
Description	Dark purple or brownish black to almost black crystals with metallic lustre .
Solubility	5% solution in water is clear.
Minimum Assay (Iodometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.5%
Chloride (Cl)	0.02%
Nitrate (NO ₃)	0.2%
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	
Hazard Pictogram(s) :-	
 GHS03	
 GHS05	
 GHS07	

Replace date 19-Sep-2025