

Libox Chem (India) Pvt. Ltd.

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Technical Specifications.

Potassium Permanganate

Free Flowing Grade

Guaranteed Assay: 97.0% min.

Cas No.: 7722-64-7

Moisture = 0.5% max.

Insoluble = 0.5% max

Chloride < 10 ppm

Sulphate < 10 ppm

Free Flowing Agent: Na-Al Silicate

Packing:

50 Kgs. HDPE bags,

50 Kgs. GIMS drums,

25/50 Kgs. MS/HDPE drums

Special Packaging can be considered on request.

Shrink wrapped and palletized for Export. 900 Kgs. per Pallet.

* - UN certified drums

Physical Data:

Molecular Formula: KMnO_4

Form: Free flowing Powder

Molecular Wt.: 158.04

Density and Phase: 2.703 gm/c.c,

Melting Point: 240 deg. C, (decomposes)

Standard Enthalpy of Formation: -813 KJ/mol

Standard molar Entropy: 171.7 Joule/ (K Mol)

Description:

Free flowing powder, purple in color, when dissolved in water, form a vivid purple solution. Potassium permanganate has a astringent taste. Inhalation may cause irritation to respiratory tract.

Handling and Disposal:

Keep the material in air-tight containers, dry, cool and well ventilated area. Keep off from any sources of heat or ignition. Chemical and Packaging must be disposed of in accordance with the country specific and local disposal laws. The material that cannot be recovered for recycling must be handled as hazardous waste and must be sent to an approved waste disposal facility.

Labelling:



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