

Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

IMDG Code: 5.1/II

: 1479

: 5.1

UN No.

IATA

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media www.cdhfinechemical.com

Product Specification

POTASSIUM IODATE AR

OXIDIZING AGENT IN VOLUMETRIC CHEMICAL ANALYSIS

PRODUCT CODE 614405
SYNONYMS --

C.I. NO.

CASR NO. (7758-05-6)ATOMIC OR MOLECULAR FORMULA KIO_3 ATOMIC OR MOLECULAR WEIGHT 214.00

PROPERTIES Oxidizing agent.

KIO₃

PARAMETER LIMIT

Description A white crystalline powder.

Solubility 5% solution in warm water is clear and colourless.

Minimum Assay (Iodometric, after drying) 99.9% pH of (5% Solution) 5.5 - 9.0

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 130°C) 0.05% Insoluble matter 0.003% 0.02% Bromate, Bromide, Chlorate Chloride(As Cl) Sulphate 0.01% Nitrogen compounds (N) 0.002% 0.001% Copper (Cu) Iodide (1) 0.001% 0.001% Iron (Fe) (Pb) 0.001% Lead

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

DANGER

Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: Wear eye/face protection. If eye irritation persists, get medical advice/attention. 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.

Disposal: 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) :--



