Central Drug House (P) Ltd.
AN ISO 9001:2008 CERTIFIED COMPANY
Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media
www.cdhfinechemical.com

Product Specification

POTASSIUM BROMATE

PRODUCT CODE	**029588**
SYNONYMS	--
C.I. NO.	--
CASR NO.	**(7758-01-2)**
ATOMIC OR MOLECULAR FORMULA	**$KBrO_3$**
ATOMIC OR MOLECULAR WEIGHT	**167.00**
PROPERTIES	**Decomposing at about 370°C with evolution of oxygen.**

$KBrO_3$

PARAMETER	**LIMIT**
Description	White crystalline powder or granules.
Solubility	5% solution in water is clear and colourless.
Identification	To pass A & B test
Assay (Iodometric; on dried sub.)	99.0 - 101%
pH (of 5% solution in water)	5 – 9
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 105°C)	0.1%
Chloride(Cl)	0.05%
Bromide (Br)	0.05%
Sulphate (SO_4)	0.01%
Iron (Fe)	0.002%
Heavy metals(as Pb)	0.0005%

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

DANGER

Hazard statements : May cause respiratory irritation. May cause fire or explosion; strong oxidizer. May intensify fire; oxidizer. Toxic if swallowed. Causes mild skin irritation. Causes serious eye irritation. May cause CANCER.

Precautionary statements

Prevention : Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Keep away from heat. Take any precaution to avoid mixing with combustible or incompatible materials. Use personal protective equipment as required.

Response : Wear eye/face protection. If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IMDG Code : 5.1/II
UN No. : 1484
IATA : 5.1

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) :