

POTASSIUM BROMATE AR/ACS

PRODUCT CODE	612285	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7758-01-2)	
ATOMIC OR MOLECULAR FORMULA	KBrO ₃	KBrO₃
ATOMIC OR MOLECULAR WEIGHT	167.00	
PROPERTIES	Decomposing at about 370°C with evolution of oxygen.	
PARAMETER	LIMIT	
Description	White crystalline powder or granules.	
Solubility	5% solution in water is clear and colourless.	
Minimum assay (Iodometric; on dried sub.)	99.8%	
pH (of 5% Solution)	5 - 9	
MAXIMUM LIMIT OF IMPURITIES		
Bromide (Br)	0.02%	
Sulphate (SO ₄)	0.005%	
Iron (Fe)	0.0005%	
Heavy metals (as Pb)	0.0005%	
Total nitrogen (N)	0.001%	
Sodium (Na)	0.025%	
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 thiosulphates solution .		
Hazard Pictogram(s) :		
   GHS03 GHS06 GHS08		

Replace Date 20-Nov-2025