



Product Specification

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PRODUCT CODE	37423
PRODUCT NAME	BROMINE EXTRAPURE (For synthesis)
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	7726-95-6
ATOMIC OR MOLECULAR FORMULA	Br ₂
ATOMIC OR MOLECULAR WEIGHT	159.82
PROPERTIES	



PARAMETER	LIMIT
Description	A dark reddish brown fuming liquid.
Solubility	Miscible with alcohol, ether.
Minimum assay (Iodometric)	99.0%
Wt.per ml at 20 °C	About 3.1 g
MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.01%
Chlorine (Cl)	0.2%

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

DANGER HAZARD STATEMENTS : Fatal if inhaled. Toxic if swallowed. May damage the unborn child. May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life. PRECAUTIONARY STATEMENTS : Prevention : Wear respiratory protection. Wear protective gloves/clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust or mist. Obtain special instructions before use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response : Absorb spillage to prevent material damage. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical attention advice. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Disposal : The chemical waste should be collected by specialized disposal company. Add bromine / iodine / inorganic peroxides / oxidants to be disposed to large amount of water and then make harmless by addition of acidic sodium thiosulphate solution.	IMDG Code : 8/II UN No. : 1744 IATA : 8
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Hazard pictogram(s) :



Acute toxicity Aspiration hazard Corrosive to metals Hazardous to the aquatic environment

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
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