



## Product Specification

### MERCURIC BROMIDE AR/ACS

PRODUCT CODE	580545
SYNONYMS	[Mercury (II) bromide]
C.I. NO.	--
CASR NO.	(7789-47-1)
ATOMIC OR MOLECULAR FORMULA	HgBr <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	360.40
PROPERTIES	Sensitive to light. Sublimes at higher temperature.

### HgBr<sub>2</sub>

PARAMETER	LIMIT
Description	White crystalline powder or having at most a very faint yellow tinge.
Solubility	2 g in 30 ml methanol, the solution is clear and bright.
Minimum Assay (Complexmetric)	99.0%

#### MAXIMUM LIMIT OF IMPURITIES

Residue after reduction	0.02%
Methanol insoluble matter	0.05%
Chloride (Cl)	0.25%

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

#### DANGER

**Hazard statements:** Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

**Prevention:** Wear protective gloves/clothing. Do not get in eyes, on skin or on clothing. Obtain special instructions before use. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling.

**Response:** If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

IMDG Code : 6.1/II

UN No. : 1634

IATA : 6.1

Hazard Pictogram(s) :



Acute toxicity    Aspiration hazard    Aquatic environment