Product Specification

ZINC BROMIDE

PRODUCT CODE
030603

SYNONYMS
Zinc dibromide; Zinc (II) bromide

C.I. NO.
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CASR NO.
7699-45-8

ATOMIC OR MOLECULAR FORMULA
ZnBr₂

ATOMIC OR MOLECULAR WEIGHT
225.20

PROPERTIES

PARAMETER
LIMIT
Description
White to off white powder.
Solubility
Soluble in water.
Minimum Assay
98.0%
pH (Aqueous solution)
About 4.0

MAXIMUM LIMIT OF IMPURITY
Water
2.0%

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

DANGER
Hazard statements: Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects.

Precautionary statements
Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist.
Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage.
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s):

- Corrosive to metals
- Hazardous to the aquatic environment
- Skin irritation