



Product Specification

cdhfinechemical.com

1,2-DIBROMO ETHANE FOR SYNTHESIS

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|---|---|
| PRODUCT CODE | 065855 |
| SYNONYMS | Ethylenedibromide |
| C.I. NO. | N/A |
| CASR NO. | 106-93-4 |
| ATOMIC OR MOLECULAR FORMULA | C ₂ H ₄ Br ₂ |
| ATOMIC OR MOLECULAR WEIGHT | 187.89 |
| PROPERTIES | Nonflammable. |
| PARAMETER | LIMIT |
| Description | Clear & colourless heavy liquid. |
| Solubility | Miscible with most solvent. |
| Identification | By FTIR Spectrum. |
| Minimum assay (GC) | 98.0% |
| Wt. per ml at 20°C | 2.177 - 2.180 g |
| Refractive Index (n) _D ²⁰ | About 1.538 |



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

HAZARD

HAZARD STATEMENTS : May cause respiratory irritation. Fatal if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. May cause CANCER. May damage fertility. Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS :

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

Response : Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice. Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. Remove/Take off immediately all contaminated clothing. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Wash/Decontaminate removed clothing before reuse. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water.

Disposal : Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 6.1/I

UN No. : 1605

IATA : 6.1

Hazard Pictogram(s) :



GHS06



GHS08



GHS09

Replace date 29-May-2023