



# Product Specification

cdhfinechemical.com

## POTASSIUM HYDROGEN SULPHATE CRYSTALS

|                                    |  |
|------------------------------------|--|
| <b>PRODUCT CODE</b>                | <b>029624</b>  |
| <b>SYNONYMS</b>                    | --   |
| <b>C.I. NO.</b>                    | --   |
| <b>CASR NO.</b>                    | (7646-93-7)  |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | KHSO <sub>4</sub>  |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | 136.16   |
| <b>PROPERTIES</b>                  | At higher temperature loses water and is converted in to pyrosulphate. |
| <b>PARAMETER</b>                   | <b>LIMIT</b>   |
| Description                        | Opaque white masses or white crystalline powder.                       |
| Solubility                         | 10% solution in water is clear and colourless.                         |
| Minimum Assay (ex Acidity)         | 99.0%  |
| <b>MAXIMUM LIMIT OF IMPURITIES</b> |  |
| Chloride (Cl)                      | 0.002%   |
| Ammonium (NH <sub>4</sub> )        | 0.003%   |
| Iron (Fe)                          | 0.003%   |

**KHSO<sub>4</sub>**

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

### DANGER

**Hazard statements:** May be harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage

### Precautionary statements

**Prevention:** Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

**Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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. Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

IMDG Code : 8/II  
UN No. : 2509  
IATA : 8

**Disposal:** Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2% .Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water.

Hazard Pictogram(s) :-



GHS05