





Product Specification

cdhfinechemical.com

SODIUM NITRATE AR/ACS

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|--|--|-------------------------|
| PRODUCT CODE | 645075 | |
| SYNONYMS | -- | |
| C.I. NO. | -- | |
| CASR NO. | (7631-99-4) | |
| ATOMIC OR MOLECULAR FORMULA | NaNO₃ | NaNO₃ |
| ATOMIC OR MOLECULAR WEIGHT | 84.99 | |
| PROPERTIES | Saline, slightly bitter taste. Decomposes at 380°C. | |
| PARAMETER | LIMIT | |
| Description | White to off white crystals/crystalline powder. | |
| Solubility | 10% solution in water is clear and colourless. | |
| Minimum Assay (ex NO ₃) | 99.5% | |
| pH (5% aqueous solution) | 5.0 - 7.5 | |
| MAXIMUM LIMIT OF IMPURITIES | | |
| Insoluble matter | 0.003% | |
| Chloride (Cl) | 0.0005% | |
| Iodate (IO ₃) | 0.0005% | |
| Nitrite (NO ₂) | 0.001% | |
| Phosphate (PO ₄) | 0.0002% | |
| Sulphate (SO ₄) | 0.003% | |
| Arsenic (As) | 0.00004% | |
| Calcium (Ca) | 0.002% | |
| Copper (Cu) | 0.0002% | |
| Iron (Fe) | 0.0002% | |
| Lead (Pb) | 0.0002% | |
| Note(s) : Assay (if applicable) method mentioned. | | |
| WARNING Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer.Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Precautionary statements Prevention : Do not eat, drink or smoke when using this product. Wash handsthoroughly after handling. Keep away from heat. Take any precaution to avoid mixing withcombustible or incompatible materials. Response : If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy todo. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/faceprotection. Specific treatment: refer to Label or MSDS. | IMDG Code : 5.1/III UN No. : 1498 IATA : 5.1 | |
| Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. | | |
| Hazard Pictogram(s) : | | |
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Replace date 23-Aug-2024