

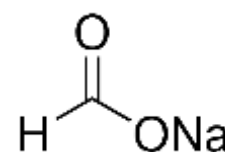


# Product Specification

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## SODIUM FORMATE AR/ACS

|                                                                                                                                 |                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| PRODUCT CODE                                                                                                                    | 643145                                                                        |
| SYNONYMS                                                                                                                        | --                                                                            |
| C.I. NO.                                                                                                                        | --                                                                            |
| CASR NO.                                                                                                                        | (141-53-7)                                                                    |
| ATOMIC OR MOLECULAR FORMULA                                                                                                     | HCOONa                                                                        |
| ATOMIC OR MOLECULAR WEIGHT                                                                                                      | 68.01                                                                         |
| PROPERTIES                                                                                                                      | Soluble in water, glycerol ; slightly soluble in alcohol.                     |
| PARAMETER                                                                                                                       | LIMIT                                                                         |
| Description                                                                                                                     | Colourless or white to off-white deliquescent crystals or crystalline powder. |
| Solubility                                                                                                                      | 100 mg soluble in 1 mL of water.                                              |
| Minimum Assay(Non-aqueous)                                                                                                      | 99.0%                                                                         |
| pH of (5% soln.)                                                                                                                | 7.0 - 8.5                                                                     |
| MAXIMUM LIMIT OF IMPURITIES                                                                                                     |                                                                               |
| Insoluble matter                                                                                                                | 0.005%                                                                        |
| Chloride (Cl)                                                                                                                   | 0.001%                                                                        |
| Sulphate (SO <sub>4</sub> )                                                                                                     | 0.001%                                                                        |
| Calcium (Ca)                                                                                                                    | 0.005%                                                                        |
| Iron (Fe)                                                                                                                       | 0.0005%                                                                       |
| Heavy metals (as Pb)                                                                                                            | 0.0005%                                                                       |
| Note(s) : Assay (if applicable) method mentioned.                                                                               |                                                                               |
| WARNING                                                                                                                         | IMDG Code :                                                                   |
| Hazard statements: Not hazardous. No hazards.                                                                                   | UN No. :                                                                      |
| Precautionary statements                                                                                                        | IATA :                                                                        |
| Prevention: -----                                                                                                               |                                                                               |
| Response :                                                                                                                      |                                                                               |
| 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) :--                                                                                                         |                                                                               |



Replace date 23-Feb-2024