

# Chem-Impex International, Inc.

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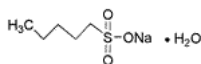
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



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|--------------------------|---------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 22941                                                                                             |
| <b>Product</b>           | <b>1-Pentanesulfonic acid sodium salt</b><br><i>N</i> -Amylsulfonic acid, sodium salt monohydrate |
| <b>CAS Number</b>        | 207605-40-1                                                                                       |
| <b>Molecular Formula</b> | C <sub>5</sub> H <sub>11</sub> O <sub>3</sub> SNa•H <sub>2</sub> O                                |
| <b>Molecular Weight</b>  | 192.21                                                                                            |

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|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>                  | Fine white crystalline powder                                                                                                                                                                    |
| <b>Solubility</b>                  | Clear and colorless solution (10% aq. solution)                                                                                                                                                  |
| <b>Water Content (Karl Fisher)</b> | 7 - 9%                                                                                                                                                                                           |
| <b>UV Ratios</b>                   | Max Absorbance: 0.25 M solution<br>200 nm : ≤ 0.300 AU<br>210 nm : ≤ 0.200 AU<br>220 nm : ≤ 0.100 AU<br>230 nm : ≤ 0.075 AU<br>240 nm : ≤ 0.050 AU<br>250 nm : ≤ 0.050 AU<br>260 nm : ≤ 0.040 AU |
| <b>Assay by titration</b>          | 99 - 100%                                                                                                                                                                                        |
| <b>Storage</b>                     | Store at 0 - 8 °C                                                                                                                                                                                |

**For Laboratory Use Only**