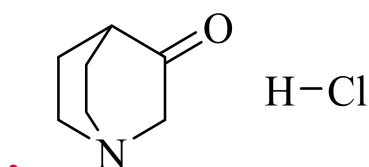


## 3-Quinuclidinone hydrochloride

- **Acronym :Noimformation**
- **Synonyms : 1-AZA-3-OXOBICYCLO[2.2.2]OCTANE HYDROCHLORIDE**
- **CAS number:1193-65-3**
- **EINECS number:214-776-5**
- **Formula :C7H12ClNO**



### MAIN PROPERTIES

| SPECIFICATION                   | VALUES                                  | NORMS REFERENCE |
|---------------------------------|---|-----------------|
| Appearance at 20 °C             | Off-white to pale yellow colored powder |                 |
| Melting point                   | >300 °C (dec.)(lit.)                    |                 |
| Loss on drying (% , w/w)        | Not more than 1.00                      |                 |
| Residue on ignition (% ,w/w)    | Not more than 1.00                      |                 |
| Assay (% ,w/w) (on dried basis) | 98.0 - 102.0                            |                 |

The above commercial specifications are guaranteed ; they were established using the test methods which were in force at the plant at the time of despatch of the product, and are in accordance with any applicable revision references.

### MAIN APPLICATIONS

- Auxiliary reagent in fine organic synthesis (acid scavenger in pharmaceutical and agrochemical industries)

# 3-Quinuclidinone hydrochloride

## PACKAGING

PRODUCT is supplied in bulk by road tankers and in drums of net weight 25 kg.

## STORAGE / SAFETY / PRECAUTIONS DURING USE / HANDLING

Please refer to the safety data sheet before any use. Typical shelf life at 25°C is 24 months.

|  |                      |
|--|----------------------|
| Molecular weight.....  | 161.63               |
| Boiling point at 1013 hPa.....   | >300 °C (dec.)(lit.) |
| Vapor pressure .....   | No data available    |
| Freezing point.....  | No data available    |
| Density at 20 °C.....  | No data available    |
| Flash point (closed cup).....  | No data available    |
| Autoignition temperature.....  | No data available    |
| Explosivity limits in air (lower / upper).....                         | No data available    |
| Solubility in water at 20°C.....                                       | 0.1 g/mL             |
| pKa at 25 °C (refer to the protonated amine in aqueous solution) ..... | No data available    |

Updated: Apryl 14 th, 2018

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See MSDS for Health & Safety Considerations