HMMC

1. STRUCTURE

2. PRODUCT NAME & DETAILS

4-(2-Hydrazino-2-oxoethyl)-4-methylmorpholine-4-imium chloride (HMMC)

Product Code : 002427
CAS No. : 876-57-3
HS Code : 2942.00.90
Molecular formula : C_{14}H_{18}N_{4}O_{2}Cl
Molecular weight : 209.70

3. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common names and synonyms</th>
<th>CAS number</th>
<th>EC number</th>
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<td>EC Inventory</td>
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<td>Japanese Existing and New Chemical Substances Inventory (ENCS)</td>
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4. SPECIFICATION

Physical Appearance : White Powder
Solubility (10% Solution In Water) : Clear, Free From Particulate Matter
Any Others Impurity : NMT 0.10%
Purity By HPLC : NLT 99.50%
Methanol Content : NMT 0.10%
Impurities CMMC : NMT 0.10%
Hydrazine Content : NMT 0.10%

Disclaimer
Typical properties should not be considered as specification.
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.
Products will not be supplied to countries where they could be in conflict with existing patents.
Products currently covered by valid US patents are offered for H&D use in accordance with 35 USC 271 (e) (1)
Above information is given in good faith and without warranty.
5. APPLICATION : Used as Pharmaceutical intermediate.

6. HAZARD CLASSIFICATION : Hazardous substance. (UN No. 2811)

7. CAPACITY : 10 MT per year.

8. STORAGE CONDITION : Store in closed container at ambient temperature. Avoid direct sunlight.

9. PACKING DETAILS : 25 Kg in corrugated box with PE liner Or 300 kg in big bag.

10. SHELF LIFE : 3 years.

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