N-Methylformamide

Product Information

- Chemical Name: N-Methylformamide
- CAS #: 123-39-7
- Formula: C2H5NO
- Molecular Weight: 59.07
- Synonyms: Formamide,N-methyl; Formylmethylamine;HCONHCH3;Methylformamide;Monomethylformamide;n-methyl-formamid

Description

NMF is a kind of Colorless transparent sticky liquid. It is miscible with water, and can dissolve nutrients, has the hygroscopicity, in acidic or alkaline solution easy decomposition.

Physical Properties

- Melting point, °C: – 40
- Boiling range, °C: 180-185
- Density @ 25°C, g/cm3: 1.011
- Refractive index: 1.4319
**Specification**

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assay, % min.</td>
<td>99.50</td>
</tr>
<tr>
<td>Water, % max.</td>
<td>0.05</td>
</tr>
<tr>
<td>Color, APHA max.</td>
<td>20.0</td>
</tr>
<tr>
<td>Acidity/Alkalinity, max</td>
<td>0.005</td>
</tr>
</tbody>
</table>

**Safety**

NMF causes respiratory tract irritation.
May cause harm to the unborn child. Causes eye and skin irritation.
May be harmful if swallowed, inhaled, or absorbed through the skin
Always refer to the Material Safety Data Sheet (MSDS)

**Applications**

NMF is an important organic chemical raw materials and intermediates, is a kind of performance and good organic solvents.
Used for synthesis of high-efficiency, single methyl microphones, double armour microphones, etc.
As a solvent, NMF can be used in/with:
- Organic synthesis reaction solvent
- Refined solvent
Also used as:
- Pharmaceuticals
- Spice
- Electrolysis, plating industry

**Packaging**

200kg per plastic, 16mt per 20ft container

**Storage & Handling**

NMF should be in Airtight storage, prevent leakage, avoid name rain, insolate, forbidden to impact, friction
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.
The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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