



## Sai Supreme Chemicals,

### MATERIAL SAFETY DATA SHEET

Title: MSDS of Methyl morpholine-4-acetate hydrochloride			Pages	Page 1 of 11
Location	Gummidipoondi	Effective Date	12/01/2024	DOC. No.
Department	Quality Assurance	Next Review	Jan-2026	Revision No.
Category	Finished product	CAS No.	67067-94-1	Type

### SECTION 1: Identification of the substance and of the company



#### Product identifier

NAME: Methyl 2-morpholinoacetate hydrochloride

PRODUCT CODE: CS-10869

CAS No : 67067-94-1

Synonyms/Trade names:

IUPAC Name: methyl 2-morpholinoacetate hydrochloride

MDL No: MFCD00171476

EINECS No:

REACH No: A REACH registration number is not available for this substance as the substance or its uses are exempted from registration. The annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

#### Relevant identified uses of the substance or mixture and uses advised against

Identified Use: Research and Development

#### Details of the supplier of the safety data sheet

##### SAI SUPREME CHEMICALS

Plot No.F-7, SIPCOT Industrial Complex, Gummidipoondi, Thiruvallur District, Tamil Nadu, India - 601 201.

Contact No. +91 44 2792 2045,

saisupreme@saisupremepharma.com

#### Emergency telephone number

+91 44 2792 2045 between the hours am to 5pm Monday to Friday.

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign. & Date	G.Ramadevi 12/01/2024	Kavitha 12/01/2024	S.Vinayagamoorthy 12/01/2024



## Sai Supreme Chemicals,

### MATERIAL SAFETY DATA SHEET

<b>Title:</b> MSDS of Methyl morpholine-4-acetate hydrochloride			<b>Pages</b>	Page 2 of 11
<b>Location</b>	Gummidi poondi	<b>Effective Date</b>	12/01/2024	<b>DOC. No.</b>
<b>Department</b>	Quality Assurance	<b>Next Review</b>	Jan. 2026	<b>Revision No.</b>
<b>Category</b>	Finished product	<b>CAS No.</b>	67067-94-1	<b>Type</b>

### SECTION 2: Hazard Identification

#### GHS Classification of the substance or mixture

(Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP])



#### Label elements

Acute toxicity,inhalation (Category 4)

Acute toxicity,dermal (Category 4)

Acute toxicity,oral (Category 4)

Signal Word: Warning



#### Hazard Statements:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

#### Precautionary Phrases:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye

protection/face protection.P402 + P404 Store in a dry place.

Store in a closed container.

#### Other Hazards

No Information Available

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign. & Date	B. Renuka 12/01/2024	Kavitha 12/01/2024	Vinayagamoorthy 12/01/2024

	Sai Supreme Chemicals,				
MATERIAL SAFETY DATA SHEET					
Title: MSDS of Methyl morpholine-4-acetate hydrochloride				Pages	Page 3 of 11
Location	Gummidipoondi	Effective Date	12/01/2024	DOC. No.	SSC/MSDS/SP/01
Department	Quality Assurance	Next Review	Jan. 2026	Revision No.	01
Category	Finished product	CAS No.	67067-94-1	Type	In House

### SECTION 3: Composition/Information on ingredients

#### Substances

CS-10869: 67067-94-1 methyl 2-morpholinoacetate hydrochloride

MF: C7H14ClNO3 MW: 195.6475



#### Mixtures

Not relevant.

### SECTION 4: First Aid Measures

#### Description of the first aid measures

##### Skin Contact

Remove any contaminated clothing and shoes. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

##### Eye Contact

Hold eyelids open and rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation or visual changes persists: Get medical advice/attention.

##### Ingestion

Do not induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to wash out mouth thoroughly. Do not give anything by mouth to an unconscious person. Get medical advice/attention. Do not leave victim unattended.

##### Inhalation

If respiratory irritation or distress occurs, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if respiratory irritation or distress continues.

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign.& Date	G.Ramadevi 12/01/2024	Pavitra 12/01/2024	Prabhakar 12/01/2024



## Sai Supreme Chemicals,

### MATERIAL SAFETY DATA SHEET

Title: MSDS of Methyl morpholine-4-acetate hydrochloride			Pages	Page 4 of 11
Location	Gummidipoondi	Effective Date	12/01/2024	DOC. No.
Department	Quality Assurance	Next Review	Jan. 2026	Revision No.
Category	Finished product	CAS No.	67067-94-1	Type

#### Most important symptoms and effect, both acute and delayed

To the best of our knowledge the acute and delayed symptoms and effects of this substance are not fully known.

#### Indication of any immediate medical attention and special treatment needed

Call a POISON CENTRE or doctor/physician if you feel unwell. No additional measures required.



#### SECTION 5: Firefighting Measures

##### Extinguishing media

Suitable: Carbon Dioxide  
Dry Chemical  
Powder AFFF  
Water

Unsuitable: Do not use water with a full water jet.

##### Special hazards arising from the substance or mixture

In combustion toxic fumes may form.

##### Advice for fire fighters

Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

#### SECTION 6: Accidental Release Measures

##### Personal precautions, protective equipment and emergency procedures.

Refer to section 8 of SDS for personal protection details.

##### Environmental precautions.

Do not discharge into rivers and drains.

##### Methods and materials for containment and cleaning up

Mix with sand or vermiculite, transfer to suitable container and arrange disposal by approved disposal specialists.

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign. & Date	G. Ramadevi 12/01/2024	Pavithra 12/01/2024	S. Vinayagamoorthy 12/01/2024



## Sai Supreme Chemicals,

### MATERIAL SAFETY DATA SHEET

Title: MSDS of Methyl morpholine-4-acetate hydrochloride			Pages	Page 5 of 11
Location	Gummidipoondi	Effective Date	12/01/2024	DOC. No.
Department	Quality Assurance	Next Review	Jan 2026	Revision No.
Category	Finished product	CAS No.	67067-94-1	Type

### SECTION 7 : Handling and Storage

#### Precautions for safe handling



Safe handling: Do not store, use, and/or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored.

Wash hands and face carefully before eating, drinking, using tobacco or applying cosmetics in areas where this material is stored.

Handle in BS approved adequately ventilated fume cupboard.

Wash exposed skin promptly to remove accidental splashes of contact with this material.

Remove and thoroughly wash any clothing if spillage occurs.

Protection against explosions and fires: Undertake normal measures for fire protection.  
Minimal explosion risk.

#### Conditions for safe storage, including any incompatibilities

Managing storage risks: Keep container tightly closed, store in cool, well ventilated area.

Storage controls: No special requirements

Maintaining integrity: Keep in tightly closed container in a cool area away from direct sunlight or heat sources.

Further information about storage conditions: Store in well ventilated place. Keep container tightly closed.

#### Specific end use(s)

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign.& Date	B.Ramadevi 12/01/2024	Carthe 12/01/2024	Spallu 12/01/2024



## Sai Supreme Chemicals,

### MATERIAL SAFETY DATA SHEET

<b>Title:</b> MSDS of Methyl morpholine-4-acetate hydrochloride			<b>Pages</b>	Page 6 of 11
<b>Location</b>	Gummidipoondi	<b>Effective Date</b>	12/01/2024	<b>DOC. No.</b>
<b>Department</b>	Quality Assurance	<b>Next Review</b>	Jan. 2026	<b>Revision No.</b>
<b>Category</b>	Finished product	<b>CAS No.</b>	67067-94-1	<b>Type</b>

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes only and should be handled by appropriately trained professionals only.



### SECTION 8: Exposure Controls/Personal Protection

#### Control parameters

No data available.

#### Exposure controls

**General protective & hygiene measures:** Wear protective gloves/protective clothing/eye protection/face protection.

The standard precautionary measures should be adhered to when handling this material. Wash hands during breaks and at the end of handling the material.

Remove immediately any contaminated clothing or footwear and either wash thoroughly or dispose of in hazardous waste.

**Engineering measures:** Set up hand-wash station and eye station near work area.  
General area dilution/exhaust ventilation.  
Use only in a BS approved fume cupboard or in a well ventilated area.

**Eye/face protection:** Safety glasses (NIOSH(US) or EN 166(EU)) and/or full face visor if handling large amounts.

**Hand protection:** Suitable protective gloves or gauntlets satisfying EU Directive 89/686/EEC and the standard EN374 derived from it.

**Respiratory protection:** Avoid breathing dust, fumes, gas, mist, vapours or sprays. For low level exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABE1P3D (EU EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Skin protection:** Protective clothing and gloves or gauntlets.

**Other personal protection advice:** No data.

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager - QC	Manager- QA
Sign.& Date	G.Ramadevi 12/01/2024	Parvathy 12/01/2024	G.Vinayagamoorthy 12/01/2024



## Sai Supreme Chemicals,

### MATERIAL SAFETY DATA SHEET

Title: MSDS of Methyl morpholine-4-acetate hydrochloride			Pages	Page 7 of 11
Location	Gummidipoondi	Effective Date	12/01/2024	DOC. No.
Department	Quality Assurance	Next Review	Jan. 2026	Revision No.
Category	Finished product	CAS No.	67067-94-1	Type



### SECTION 9 : Physical and Chemical Properties

#### Physical and chemical properties

Appearance/form:	Solid
Molecular formula:	C7H14CINO3
Molecular weight:	195.65
Odour:	No data available
Odour threshold:	No data available
pH:	No data available
Melting/Boiling point (°C):	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid,gas):	No data available
Upper/lower explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	No data available
Solubility(ies):	No data available
Partition coefficient:	No data available
Auto ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

#### Other information

No other information is available.

### SECTION 10: Stability and Reactivity

#### Reactivity

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign.& Date	P. Rander 12/01/2024	Ranjitha 12/01/2024	G. Selvaraj 12/01/2024

	Sai Supreme Chemicals,				
MATERIAL SAFETY DATA SHEET					
<b>Title:</b> MSDS of Methyl morpholine-4-acetate hydrochloride		<b>Pages</b>	Page 8 of 11		
<b>Location</b>	Gummidipoondi	<b>Effective Date</b>	12/01/2024	<b>DOC. No.</b>	SSC/MSDS/SP/01
<b>Department</b>	Quality Assurance	<b>Next Review</b>	Jan. 2026	<b>Revision No.</b>	01
<b>Category</b>	Finished product	<b>CAS No.</b>	67067-94-1	<b>Type</b>	In House

No unusual reactivity.



#### Chemical stability

Stable under normal conditions as stated in section 7.

#### Possibility of hazardous reactions

No hazardous reactions known.

#### Conditions to avoid

No specific conditions to avoid.

#### Incompatible materials

Avoid contact with strong acids, bases, oxidising and reducing agents.

#### Hazardous decomposition products

In combustion emits toxic fumes.

### SECTION 11 : Toxicology Information

All the data contained in this section is derived from actual test data unless otherwise stated.

#### Information on toxicology effects

Acute toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT single exposure:	No data available.
STOT repeated exposure:	No data available.
Aspiration hazard:	No data available. Signs and
Symptoms of Exposure:	No data available.

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign. & Date	G.Ramadevi 12/01/2024	Kavitha 12/01/2024	Vinayagamoorthy 12/01/2024

	Sai Supreme Chemicals,				
MATERIAL SAFETY DATA SHEET					
<b>Title:</b> MSDS of Methyl morpholine-4-acetate hydrochloride		<b>Pages</b>	Page 9 of 11		
<b>Location</b>	Gummidipoondi	<b>Effective Date</b>	12/01/2024	<b>DOC. No.</b>	SSC/MSDS/SP/01
<b>Department</b>	Quality Assurance	<b>Next Review</b>	Jan. 2026	<b>Revision No.</b>	01
<b>Category</b>	Finished product	<b>CAS No.</b>	67067-94-1	<b>Type</b>	In House

#### Additional Information

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. The substance is for R&D purposes only and has not been fully characterized. The substance should only be handled by suitably trained professionals.



#### SECTION 12 : Ecological Information

All the data contained in this section is derived from actual test data unless otherwise stated.

##### Toxicity

No data available.

##### Persistence and degradability

No data available.

##### Bio accumulative potential

No data available.

##### Mobility in soil

No data available.

##### Results of PBT and vPvB assessment

No data available.

##### Other adverse effects

No data available.

#### SECTION 13 : Disposal Considerations

##### 13.1 Waste treatment methods

Disposal considerations: Consult state, local or national regulations for proper disposal.

Disposal of packaging: Disposal must be made according to official regulations.

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign. & Date	Gr. Ramadevi 12/01/2024	Forwrd 12/01/2024	Approved 12/01/2024

	Sai Supreme Chemicals,				
MATERIAL SAFETY DATA SHEET					
<b>Title:</b> MSDS of Methyl morpholine-4-acetate hydrochloride.		<b>Pages</b>	Page 10 of 11		
<b>Location</b>	Gummidipoondi	<b>Effective Date</b>	12/01/2024	<b>DOC. No.</b>	SSC/MSDS/SP/01
<b>Department</b>	Quality Assurance	<b>Next Review</b>	Jan. 2026	<b>Revision No.</b>	01
<b>Category</b>	Finished product	<b>CAS No.</b>	67067-94-1	<b>Type</b>	In House

## SECTION 14 : Transport Information



The details in this section are applicable to:

Land tranport ADR/RID, Maritime transport IMDG and Air transport ICAO-TI & IATA-DGR.

**Air (ICAO/IATA):** Not classified as hazardous for transport.

**Road (ADR/RID):** Not classified as hazardous for transport.

**Sea (IMDG):** Not classified as hazardous for transport.

## SECTION 15 : Regulatory Information

### Safety, health and environmental regulations

Product is not subject to any additional regulations or provisions. This datasheet complies with the requirements of regulations(EC) No. 1907/2006.

### Chemical safety assessment

No chemical safety assessment under Regulation (EC) 1907/2006 is required and has not been carried out.

## SECTION 16 : Other Information

List of abbreviations used within SDS:

ADR: Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous Goods by road).

RID: Reglement International concernant le transport des marchandises par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail).

IMDG: International Maritime Code of

Dangerous goods.IATA: International

Air Transport Association.

IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association.ICAO: International Civil Aviation Organization.

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign.& Date	G.Ramadevi 12/01/2024	Kavitha 12/01/2024	S.Vinayagamoorthy 12/01/2024



## Sai Supreme Chemicals,

### MATERIAL SAFETY DATA SHEET

<b>Title:</b> MSDS of Methyl morpholine-4-acetate hydrochloride			<b>Pages</b>	Page 11 of 11
<b>Location</b>	Gummidipoondi	<b>Effective Date</b>	12/01/2024	<b>DOC. No.</b>
<b>Department</b>	Quality Assurance	<b>Next Review</b>	Jan-2026	<b>Revision No.</b>
<b>Category</b>	Finished product	<b>CAS No.</b>	67067-94-1	<b>Type</b>

ICAO-IT: Technical Instructions by the ICAO.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals. CAS: Chemical Abstracts Service.

IUPAC: International Union for Pure and

Applied Chemistry. MDL: Molecular Design Ltd

EINECS: European Inventory of Existing Commercial Chemical Substances. EPA: European Protection Agency.

IARC: International Agency on Research on Cancer. NTP: National Toxicology Program.

OSHA: Occupational Safety and Health Administration. ACGIH: American Conference of Industrial Hygienists.



#### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sai Supreme Chemicals and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

In no event shall Sai supreme chemicals 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. For further information please contact

Mail: [saisupreme@saisupremepharma.com](mailto:saisupreme@saisupremepharma.com)

Created: 12/01/2024

Department	Prepared by - QC	Checked by - QC	Approved by - QA
Name	G.Ramadevi	G.Kavitha	S.Vinayagamoorthy
Designation	Sr. Executive - QC	Asst. Manager- QC	Manager- QA
Sign. & Date	G.Ramadevi 12/01/2024	G.Kavitha 12/01/2024	S.Vinayagamoorthy 12/01/2024