

MATERIAL SAFETY DATA SHEET		
Name of product : <b>AMMONIUM FORMATE</b>	Page	1 of 8
	Revision no .	00
Document number : <b>SNP/MSDS-07</b>	Effective date :	02-05-2022

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifiers:**

Product form : Substance  
 Substance name : Ammonium Formate  
 CAS No : 540-69-2  
 Formula : N2H8O4S

**1.2 Relevant identified uses of the substance or mixture and uses advised again**

Industrial/Professional use spec : Industrial  
 For professional use only

**1.3 Details of the supplier of the safety data sheet**

Company : SUJATA NUTRI PHARMA PVT LTD  
 875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India  
 Telephone : 02652630325  
 Website : www.sujatanutripharma.com  
 Email : info@sujatanutripharma.com

**1.4 Emergency telephone number**

Emergency telephone : 02652630282 (9:00 to 6:00) office hours only

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Serious eye damage/eye irritation, Category 2 H319  
 Skin corrosion/irritation, Category 2 H315  
 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation - H335  
 Full text of H statements : see section 16




**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

Xi; R36  
 Xi; R37  
 Xi; R38  
 Full text of R-phrases: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2 Label elements**

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SIGNATURE			
DATE	02-05-2022	02-05-2022	02-05-2022



**Sujata**  
Nutri-Pharma

**SUJATA NUTRI-PHARMA PVT. LTD.**  
875/2, GIDC Estate, Makarpura, Vadodara-390010

**MATERIAL SAFETY DATA SHEET**

Name of product : <b>AMMONIUM FORMATE</b>	Page 2 of 8
Document number : <b>SNP/MSDS-07</b>	Revision no . 00
	Effective date : 02-05-2022

**Labeling according to Regulation (EC) No. 1272/2008 [CLP] Extra Ia**

Hazard pictograms (CLP) :



Skin Irritation  
GHS07

Signal word (CLP) : Warning

Hazard statements (CLP) : H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

Precautionary statements (CLP) : P261 - Avoid breathing vapours, dust, fume, gas.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3 Other hazards**

Other hazards not contributing to the classification: None.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Name : AMMONIUM FORMATE AR

CAS-No. : 540-69-2

Full text of R- and H-statements: see section 16

**3.2. Mixture**

;Not applicable

**Section 4: First Aid Measures**

**4.1 Description of first aid measures**

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : Wash with plenty of water/.... Wash contaminated clothing before reuse. Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms/effects after inhalation : May cause respiratory irritation.




Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation

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DATE	02-05-2022	02-05-2022	02-05-2022

MATERIAL SAFETY DATA SHEET		
Name of product : <b>AMMONIUM FORMATE</b>	Page	3 of 8
	Revision no .	00
Document number : <b>SNP/MSDS-07</b>	Effective date :	02-05-2022

<p><b>4.3 Indication of any immediate medical attention and special treatment needed</b> Treat symptomatically.</p> <p><b>SECTION 5: Firefighting measures</b></p>
<b>SECTION 5: Fire Fighting Measures</b>
<p><b>5.1 Extinguishing media</b> Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream.</p> <p><b>5.2 Special hazards arising from the substance or mixture</b> No additional information available</p> <p><b>5.3 Advice for firefighters</b> Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.</p> <p><b>5.4 Further information</b> No data available</p>
<b>SECTION 6: Accidental release measures</b>
<p><b>6.1 Personal precautions, protective equipment and emergency procedures</b></p> <p><b>6.1.1. For non-emergency personnel</b> Emergency procedures : Evacuate unnecessary personnel.</p> <p><b>6.1.2. For emergency responders</b> Protective equipment : Equip cleanup crew with proper protection.</p> <p><b>6.2 Environmental precautions</b> Avoid release to the environment.</p> <p><b>6.3 Methods and materials for containment and cleaning up</b> Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Minimise generation of dust.</p> <p><b>6.4 Reference to other sections</b> No additional information available.</p>
<b>Section 7: Handling and Storage</b>
<p><b>7.1 Precautions for safe handling</b> Precautions for safe handling : Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Do not breathe vapours. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.</p>

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<b>DATE</b>	02-05-2022	02-05-2022	02-05-2022

<b>MATERIAL SAFETY DATA SHEET</b>		
Name of product : <b>AMMONIUM FORMATE</b>	<b>Page</b>	4 of 8
	<b>Revision no .</b>	00
Document number : <b>SNP/MSDS-07</b>	<b>Effective date :</b>	02-05-2022

**7.2 Conditions for safe storage, including any incompatibilities**

Store at ambient/room temperature away from sunlight in a tightly closed condition.

**Section 8: Exposure Controls/Personal Protection**

**8.1 Control parameters**

No additional information available

**8.2 Exposure controls**

Hand protection : Protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : [In case of inadequate ventilation] wear respiratory protection

**Section 9: Physical and Chemical Properties**

**9.1 Information on basic physical and chemical properties**

Physical state : Solid

Molecular mass : 63.06 g/mol

Colour : Colorless crystals.

Odour : slight formic acid odour.

Odour threshold : No data available

pH : 6 - 7

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 119 - 121 °C

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 1.28 g/cm<sup>3</sup>

Solubility : Water: 63.1 g/l at 20 °C - completely soluble

Log Pow : No data available




Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

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<b>DATE</b>	02-05-2022	02-05-2022	02-05-2022

**MATERIAL SAFETY DATA SHEET**

Name of product : <b>AMMONIUM FORMATE</b>	<b>Page</b> 5 of 8
Document number : <b>SNP/MSDS-07</b>	<b>Revision no .</b> 00
	<b>Effective date :</b> 02-05-2022

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity**

**Section 10 : Stability and Reactivity Data**

**10.1 Reactivity**

No additional information available

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No additional information available

**10.4 Conditions to avoid**

Direct sunlight. Moisture. Air contact..

**10.5 Incompatible materials**

No additional information available

**10.6 Hazardous decomposition products**

No additional information available

**Section 11 : Toxicological Information**

**11.1 Information on toxicological effects**

Acute toxicity : Not classified

Skin corrosion/irritation : Causes skin irritation.

pH: 6 - 7

Serious eye damage/irritation : Causes serious eye irritation.

pH: 6 - 7

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

**Section 12 : Ecological Information**

**12.1 Toxicity**




No additional information available.

**12.2. Persistence and degradability**

No additional information available




**12.3. Bioaccumulative potential**

No additional information available

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<b>DATE</b>	02-05-2022	02-05-2022	02-05-2022

<b>MATERIAL SAFETY DATA SHEET</b>		
Name of product : <b>AMMONIUM FORMATE</b>	<b>Page</b>	6 of 8
	<b>Revision no .</b>	00
Document number : <b>SNP/MSDS-07</b>	<b>Effective date :</b>	02-05-2022

<p><b>12.4. Mobility in soil</b> No additional information available</p> <p><b>12.5. Results of PBT and vPvB assessment</b> No additional information available</p> <p><b>12.6. Other adverse effects</b> No additional information available</p>
<b>Section 13 : Disposal Considerations</b>
<p><b>13.1. Waste treatment methods</b> No additional information available</p> <p><b>SECTION 14: Transport information</b></p>
<b>Section 14 : Transport Information</b>
In accordance with ADR / RID / IMDG / IATA / ADN
<p><b>14.1. UN number</b> UN-No. (ADR) : Not applicable UN-No. (IMDG) : Not applicable UN-No. (IATA) : Not applicable UN-No. (ADN) : Not applicable UN-No. (RID) : Not applicable</p> <p><b>14.2. UN proper shipping name</b> Proper Shipping Name (ADR) : Not applicable Proper Shipping Name (IMDG) : Not applicable Proper Shipping Name (IATA) : Not applicable Proper Shipping Name (ADN) : Not applicable Proper Shipping Name (RID) : Not applicable</p> <p><b>14.3. Transport hazard class(es)</b> <b>ADR</b> Transport hazard class(es) (ADR) : Not applicable <b>IMDG</b> Transport hazard class(es) (IMDG) : Not applicable <b>IATA</b> Transport hazard class(es) (IATA) : Not applicable <b>ADN</b> Transport hazard class(es) (ADN) : Not applicable <b>RID</b> Transport hazard class(es) (RID) : Not applicable</p> <p><b>14.4. Packing group</b></p>

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<b>MATERIAL SAFETY DATA SHEET</b>		
Name of product : <b>AMMONIUM FORMATE</b>	<b>Page</b>	7 of 8
	<b>Revision no .</b>	00
Document number : <b>SNP/MSDS-07</b>	<b>Effective date :</b>	02-05-2022

Packing group (ADR) : Not applicable  
 Packing group (IMDG) : Not applicable  
 Packing group (IATA) : Not applicable  
 Packing group (ADN) : Not applicable  
 Packing group (RID) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No  
 Marine pollutant : No  
 Other information : No supplementary information available

**14.6. Special precautions for user**

**- Overland transport**

No data available

**- Transport by sea**

No data available

**- Air transport**

No data available

**- Inland waterway transport**

No data available

**- Rail transport**

No data available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**Section 15: Other Regulatory Information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.1.1. EU-Regulations**

No REACH Annex XVII restrictions  
 AMMONIUM FORMATE AR is not on the REACH Candidate List  
 AMMONIUM FORMATE AR is not on the REACH Annex XIV List




**15.1.2. National regulations**

**Germany**

Reference to AwSV : Water hazard class (WGK) 1, low hazard to water (Classification according to AwSV; ID No. 7573) 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the




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<b>MATERIAL SAFETY DATA SHEET</b>		
Name of product : <b>AMMONIUM FORMATE</b>	<b>Page</b>	8 of 8
	<b>Revision no .</b>	00
Document number : <b>SNP/MSDS-07</b>	<b>Effective date :</b>	02-05-2022

product

**15.2. Chemical safety assessment**  
No additional information available

<b>Section 16 : Other Information</b>
Revision date : 02-05-2022 Other information : None.
Full text of R-, H- and EUH-statements: Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Skin Irrit. 2 Skin corrosion/irritation, Category 2 STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. R36 Irritating to eyes R37 Irritating to respiratory system R38 Irritating to skin Xi Irritant
<b>Further information</b> 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. sujata chemicals shall not be held liable for any damage resulting from handling or from contact with the above product.

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