



Sujata
Nutri-Pharma

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

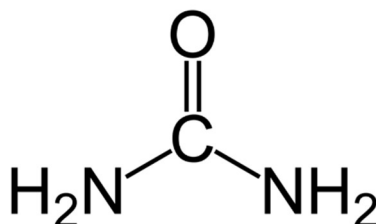
MATERIAL SAFETY DATA SHEET

Name of product : UREA	Page Revision no .	1 of 7 00
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Urea
CAS-No. : 57-13-6



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

Identified uses : Laboratory chemicals, 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 : 0265-3500351
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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients




3.1 Substances

Molecular weight : 60.06 g/mol

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CAS-No. : 57-13-6 EC-No. : 200-315-5 No components need to be disclosed according to the applicable regulations.
Section 4: First Aid Measures
4.1 Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of Skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.
4.2 Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
4.3 Indication of any immediate medical attention and special treatment needed No data available
SECTION 5: Firefighting measures
5.1 Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2 Special hazards arising from the substance or mixture Carbon oxides, Nitrogen oxides (NOx)
5.3 Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.
5.4 Further information No data available
SECTION 6: Accidental release measures
6.1 Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.
6.2 Environmental precautions Do not let product enter drains.
6.3 Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.

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6.4 Reference to other sections For disposal see section 13.
Section 7: Handling and Storage
7.1 Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2. 7.2 Conditions for safe storage, including any incompatibilities Store at ambient/room temperature away from sunlight in a tightly closed condition. 7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated
Section 8: Exposure Controls/Personal Protection
8.1 Control parameters 8.2 Exposure controls Appropriate engineering controls General industrial hygiene practice. Personal protective equipment Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body Protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection Respiratory protection is not required. Where protection from nuisance le (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure Do not let product enter drains.
Section 9: Physical and Chemical Properties

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9.1 Information on basic physical and chemical properties

a) Appearance

Form: solid

Colour: white

b) Odour No data available

c) Odour Threshold No data available

d) pH 7.5 - 9.5 at 480 g/l at 25 °C

e) Melting point/freezing 133 - 135 °C point

f) Initial boiling point and boiling range :No data available

g) Flash point No data available

h) Evaporation rate No data available

i) Flammability (solid, gas) No data available

j) Upper/lower flammability or explosive limits : No data available

k) Vapour pressure 0.007 mmHg at 20 °C

l) Vapour density No data available

m) Relative density 1.335 g/cm³

n) Water solubility 480 g/l at 20 °C - completely soluble

o) Partition coefficient: n- octanol/water Page 3 of 6 : log Pow: -2.59 - -1.59

p) Auto-ignition temperature :No data available

q) Decomposition temperature :No data available

r) Viscosity No data available

s) Explosive properties No data available

t) Oxidizing properties No data available

9.2 Other safety information

Bulk density 700 - 800 kg/m³ at 20 °C

Section 10 : Stability and Reactivity Data

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

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10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx) In the event of fire: see section 5

Section 11 : Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 8,471 mg/kg(Urea)

Skin corrosion/irritation

Skin - Rabbit(Urea)

Result: No skin irritation

Serious eye damage/eye irritation

Eyes - Rabbit(Urea)

Result: No eye irritation

Respiratory or skin sensitisation

No data available(Urea)

Germ cell mutagenicity

No data available(Urea)

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available(Urea)

Specific target organ toxicity - single exposure

No data available(Urea)

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard




No data available(Urea)

Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(Urea)

Section 12 : Ecological Information

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12.1 Toxicity
 Toxicity to fish LC50 - Poecilia reticulata (guppy) - 17,500 mg/l - 96 h(Urea)
 Toxicity to daphnia and other aquatic invertebrates :EC50 - Daphnia magna (Water flea) - 3,910 mg/l - 48 h(Urea)

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available(Urea)

12.5 Results of PBT and vPvB assessment
 This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
 No data available

Section 13 : Disposal Considerations

13.1 Waste treatment methods
 Product
 Offer surplus and non-recyclable solutions to a licensed disposal company.
 Contaminated packaging
 Dispose of as unused product

Section 14 : Transport Information




14.1 UN number
 ADR/RID:
 IMDG:
 IATA:

14.2 UN proper shipping name
 ADR/RID:
 IMDG:
 IATA:

14.3 Transport hazard class(es)
 ADR/RID:
 IMDG:
 IATA:

14.4 Packaging group
 ADR/RID:
 IMDG:
 IATA:




14.5 Environmental hazards
 ADR/RID: no IMDG Marine pollutant: no IATA: no

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14.6 Special precautions for user No data available
Section 15: Other Regulatory Information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. 15.2 Chemical safety assessment For this product a chemical safety assessment was not carried out
Section 16 : Other Information
Revision no: 00 Revision date: 02-05-2022 Other information: None. 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. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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