



Safety Data Sheet

Urea USP

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Urea USP

INCI Name: Urea

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for a dangerous or hazardous

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Urea	Not classified	57-13-6	98 - 100%

Additional Information: For full text of H-statements and R-phrases: see SECTION 16



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Section 4: First Aid Measures

Notable Exposure symptoms: May cause irritation to the respiratory system. May cause central nervous system effects. Expected to be a low ingestion hazard. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision. Causes eye irritation. Chronic exposure may cause central nervous system effects. Suspected of causing genetic defects

If ingested: Rinse mouth. Seek medical advice

If inhaled: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention

Skin contact: Wash skin with soap and water. Get medical attention if irritation develops or persists

Section 5: Fire Fighting Measures

General Info: Not considered to be a fire hazard. Reactions with incompatibles may pose a risk of explosion. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breathe fumes.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: None known

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

Environmental Precautions: Non-hazardous. Small amounts of residue may be flushed to sewer with plenty of water

Containment Equipment and

Procedures: Non-hazardous, avoid direct releases to the environment

Cleanup Procedures: Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

Section 7: Handling and Storage

Safe Handling Precautions: Keep working place well ventilated; no special precautions are needed under normal use conditions

Recommendations for Storage: Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.



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Section 8: Exposure Control / Personal Protection

Control Parameters: -AIHA Exposure Limit Workplace (WEEL) 10 mg/m³, 8-hour TWA

General / Engineering

Controls: General mechanical ventilation is recommended to keep employee exposures as low as possible.

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Protective gloves

Body Protection: Clean body-covering clothing

Respiratory Protection: With no availability of engineering controls, a particulate respirator can be used (NIOSH type N95 filter or better)

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Non-hazardous but avoid direct releases to the environment.

Section 9: Physical and Chemical Properties

Physical State: Solid

Appearance: Crystals to powder

Color: White

Odor: Ammoniacal

Odor Threshold: No data available

pH: 7.2 (10% in water)

Melting Point: 132 - 135 °C (270 - 275 °F)

Freezing Point: Not determined

Boiling Point: Decomposes

Flash Point (COC): Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not applicable

Vapor Pressure: Not determined

Explosive Limits: Not applicable

Vapor Density: Not determined

Density: 1.323

Water Solubility: Soluble

Viscosity (cP): Not determined

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions of use

Chemical Stability: No known hazardous reactions

Possibility of Hazardous

Reactions: Will not occur

Conditions to Avoid: Gross bacterial contamination

Incompatible Materials: Urea reacts with calcium hypochlorite or sodium hypochlorite to form the explosive nitrogen trichloride. It is incompatible with sodium nitrite, percholate, gallium, strong oxidizing agents (permanganate, dichromate, nitrate, chlorine), phosphorus pentachloride, nitrosyl perchlorate, titanium tetrachloride and chromium chloride

Hazardous Decomposition

Products: Urea is decomposed by heating and can form products including ammonia, nitrogen oxide, cyanuric acid, cinnamic acid, biuret and carbon dioxide

Section 11: Toxicological Information

Acute Toxicity: Oral LD50 is anticipated to be >5g/kg. Investigated as a tumorigen, mutagen, reproductive effector. All data based on testing of similar materials.

Irritation: No data available

Corrosivity: No data available

Sensitization: No data available

Repeated Dose Toxicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC and NTP

Mutagenicity: No data available

Toxicity for reproduction: No data available

Section 12: Ecological Information

Toxicity: No ecotoxicity data available.

Aquatic Toxicity: No data available

Persistence and Degradability: Product is biodegradable to a moderate degree when released into water

Bioaccumulative Potential: Not expected to be bio-accumulative in aquatic organisms

Mobility in Soil: When released into the soil, this material will hydrolyze into ammonium in a matter of days or weeks and may leach into groundwater

Results of PBT and vPvB

Assessment: No data available

Other Adverse Effects: None known



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Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

EU EINECS/ELINCS/NLP:

Canada DSL/NDSL:

US TSCA:

Korea KECI:

China IECSC:

Japan ENCS:

Philippine PICCS:

Australia AICS:

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this mixture by the supplier.



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Section 16: Other Information

Indication of Changes: Version 1 created February 1st, 2018

List of Relevant R-phrases

(number and full text): Not applicable

NPFA Rating: 1-0-0

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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