

SAFETY DATA SHEET



Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300

All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: UREA

SDS NO.8173

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Urea

Synonyms: Ureum

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

| | |
|---------------------------|------|
| Pictogram: | Void |
| Classification: | Void |
| Signal Word: | Void |
| Hazard Statements: | Void |

3. COMPOSITION / INGREDIENTS

| CHEMICAL NAME | CAS# |
|---------------|---------|
| UREA | 57-13-6 |
| UREUM | |

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

| ROUTE | COMMON SYMPTOMS | FIRST AID |
|------------|-----------------|---|
| Inhalation | Not determined | Supply fresh air. |
| Ingestion | Not determined | Rinse out mouth and then drink plenty of water. |
| Skin | Not determined | Generally, the product does not irritate the skin. |
| Eyes | Not determined | Rinse opened eye for several minutes under running water. |

5. FIRE-FIGHTING MEASURES

| | |
|---|--|
| Flash Point: | Not applicable |
| Auto Ignition: | Not determined |
| Extinguishing Media: | CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam |
| Products of Combustion: | Nitrogen oxides (NO _x) |
| Fire Fighting Equipment and Procedures: | Wear self-contained respiratory protective device. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------------|--|
| Personal Precautions: | Wear protective equipment. Keep unprotective persons away. |
| Environmental Precautions: | Do not allow to enter sewers/surface or ground water. |
| Method of Containment & Clean-Up: | Pick up mechanically. |

7. HANDLING AND STORAGE

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|-----------|---|
| Handling: | Prevent formation of dust. |
| Storage: | Store in cool, dry conditions in well-sealed receptacles. Product is hygroscopic |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|--|---|
| Engineering Controls: | Normal room ventilation is usually adequate under normal use. |
| Personal Protective Equipment (PPE) | Protective work clothes |
| Eye/Face Protection: | Not required. |
| Skin Protection: | Protective gloves |
| Respiratory Protection | Suitable respiratory protective device recommended. |
| General Hygiene Considerations: | Clean skin thoroughly immediately after handling the product. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------------------------|-----------------------|--|------------------|
| Appearance: | Solid – white | Upper/Lower Flammability: | Not Applicable |
| Odor: | Ammonia-like | Vapor Pressure | Not Applicable |
| Odor Threshold: | Not Determined | Vapor Density: | Not Applicable |
| pH: | 9.5 | Relative Density: | -1.59 log Pow |
| Melting point /Freezing Point: | 132-135°C (279-275°F) | Solubilities: | 1000 g/ in water |
| Boiling point/range: | Not Determined | Partition coefficient: n-octanol/water: | Not Determined |
| Flash point | Not Applicable | Auto-ignition temperature | Not Determined |
| Evaporation rate | Not Applicable | Decomposition Temperature: | Not Determined |
| Flammability: | Not Applicable | Viscosity | Not Applicable |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity: | Not Determined |
| Chemical Stability: | Not Determined |
| Possibility of Hazardous reactions: | Reacts with oxidizing agents. Reacts with alkali (lyes) |
| Conditions to Avoid: | No further relevant information available. |
| Incompatible materials: | No further relevant information available. |
| Hazardous Decomposition Products: | Nitrogen oxides(NOx) |

11. TOXICOLOGICAL INFORMATION

| | |
|--|--|
| Acute toxicity: | Not Determined |
| Skin irritation: | No irritating effect. |
| Eye contact damage: | No irritant effect. |
| Respiratory damage: | Not Determined |
| Ingestion overdose: | Not Determined |
| Delayed, immediate, or chronic effects from short- and long-term exposure | Not Determined |
| LD50 | 6,810 mg/l (fish) 10,000 mg/l (Daphnia) |
| Symptoms associated with exposure: | Not Determined |
| Carcinogenicity: | Not Determined |
| OSHA: | Substance is not listed. |
| NTP: | Substance is not listed. |
| IARC: | Substance is not listed. |

12. ECOLOGICAL INFORMATION

| | |
|--|---|
| Acute or chronic aquatic toxicity: | No further relevant information available. |
| Chemical degradation: | No further relevant information available. |
| Biodegradation: | No further relevant information available. |
| Bioaccumulation potential | Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected. |
| Adsorption studies or leaching studies: | Not Determined |
| Other adverse effects | No further relevant information available. |

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

| | |
|------------------------------------|------------------------------|
| DOT Hazard Classification: | Not regulated for transport. |
| UN number: | Void |
| UN proper shipping name: | Void |
| Transport hazard class(es): | Void |
| Packing group number: | Not applicable. |
| Environmental hazards: | No |
| Special precautions: | Not applicable |

15. REGULATORY INFORMATION

No further relevant information available.

16. OTHER INFORMATION

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