

SAFETY DATA SHEET

January 2024



1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier 17-0-0
Recommended uses: Only for professional use in the formulation of fertilizer preparations and end-use as fertilizer or Industrial Processes.
Supplier WILLARD AGRI-SERVICE OF GREENWOOD, LLC
22272 S. DUPONT HWY
GREENWOOD, DE 19950

Company telephone/fax (302)349-4100 / (302)349-4300
Emergency telephone number (800)424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

Classification of substance or mixture: Classification of the chemical in accordance with 29CFR §1910.1200
Hazard classes and Hazard categories: Mildly irritating to eyes, Cat. 2B
Hazard statement: Causes eye irritation

Label elements

Hazard pictogram



Signal word Warning
Hazard Statement Causes eye irritation

Precautionary Statements: Wear eye protection. Wash hands thoroughly after handling.
IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice / attention. Dispose of contents / container according to local/state/federal regulations.

Other hazards: None

Classification of the relevant ingredients of the mixture in accordance with 29CFR §1910.1200
None

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Concentration (%)</u>
Water	7732-18-5	63%
Urea	57-13-6	37%

4. FIRST AID MEASURES

Description of first aid measures

General information: In case of persisting adverse effects consult a physician.

Never give anything by mouth to an unconscious person or a person with cramps.

In case of inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing.
Get medical attention for any breathing difficulty.

In case of skin contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persist: Get medical advice/attention.

In case of ingestion: Rinse mouth immediately and drink plenty of water. Induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

SAFETY DATA SHEET

March 2018



Most important symptoms and effects, both acute and delayed

The following symptoms may occur:

In case of inhalation degradation products.	Irritation to respiratory tract. Delayed lung effects after short term exposure to thermal degradation products.
In case of skin contact	May cause redness or irritation.
In case of eye contact	Causes eye irritation.
In case of ingestion	Ingestion of large amounts may cause gastrointestinal disturbances.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Use any suitable mean for extinguishing surrounding fire. Spray water for small fire. For large fires flood with abundant water.

Unsuitable material: None.

Specific hazards arising from the chemical

None

Protective equipment and precautions for firefighters

Keep upwind of fire. Wear full firefighting turn-out gear (full bunker gear) and respiratory protection (self-contained breathing apparatus (SCBA)).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Provide adequate ventilation. Wear personal protection equipment (Section 8).

Environmental precautions: Do not allow to enter surface water or drains. Ensure waste is collected and contained.

Methods and material for containment and cleaning up: Take up mechanically, placing in appropriate containers for disposal or recovery.

Other information

None

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid generation of dust. Provide adequate ventilation. Wear protective equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities: Keep/store only in container. Store in a well-ventilated place. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Use exhaust ventilation to keep airborne concentrations below exposure limits.

Personal Protective Equipment

Eye/face protection	Chemical goggles required at all time.
Skin protection	Nitrile rubber gloves, over 0.11 mm thickness, >480 min breakthrough time, recommended.
Respiratory protection	Wear respiratory protection, where airborne concentrations are expected to exceed exposure limits.

General hygiene considerations: Avoid contact with eyes and skin. Wash hands thoroughly after handling. Have eye-wash facilities immediately available.

SAFETY DATA SHEET

March 2018



9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear liquid
Odor	Odorless
Freezing point	60 degrees F
Vapor pressure	Considered negligible (based on melting point of each ingredient)
Explosive properties	Not explosive
Oxidizing properties	Not applicable

Other information

None

10. STABILITY AND REACTIVITY

Reactivity: No hazardous reaction when handled and stored according to provisions.

Chemical stability: Stable under normal storage and temperature conditions.

Possibility of hazardous reactions: None identified.

Conditions to avoid: None identified.

Incompatible materials: None identified.

Hazardous decomposition products: None identified.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Eye Contact. Ingestion. Inhalation.

Toxicity Data: Not determined.

12. ECOLOGICAL INFORMATION

There is no data for the mixture itself.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable national, state and local laws.

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal method in compliance with applicable regulations.

14. TRANSPORTATION INFORMATION

US DOT (49CFR part 172): Not regulated

International Maritime Organization (IMDG Code): Not regulated

International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA): Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Other special precautions: None

15. REGULATORY INFORMATION

United States: SARA 313: Not applicable.
SARA 311/312: Not applicable.
TSCA: All components either exempt or listed on TSCA inventory.
OSHA: Classified as not hazardous under OSHA regulations.

Canada: WMIS Hazard Class: Not determined.
DSL: All components either exempt or listed on DSL.

Mexico – Grade: No information available.

International Regulations:

SAFETY DATA SHEET

March 2018



CWC: This product does not contain any component(s) listed under the CWC Schedule of Chemicals.

16. OTHER INFORMATION

Legend:

DOT: Department of Transportation (US)
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods Code
WHMIS: Workplace Hazardous Material Information System
DSL: Domestic Substances List
SARA: Superfund Amendments and Reauthorization Act
TSCA: Toxic Substances Control Act
OSHA: Occupational Safety and Health Administration
AICS: Inventory of Chemical Substances
CWC: Chemical Weapons Convention

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their purposes. In no event shall Willard Agri-Service 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, howsoever arising, even if Willard Agri-Service has been advised of the possibility of such damages.