



19-19-19

## SAFETY DATA SHEET

**U.S. Transport Summary: Not regulated by the U.S. D.O.T. as a hazardous material.** (See Section 14 for additional information.)

### SECTION 1: IDENTIFICATION

**PRODUCT IDENTITY/NAME:** 19-19-19

**SYNONYMS:** None

**PRODUCT ID #:** I2036292

**COMMON NAME:** N-P-K fertilizer mixture

**CHEMICAL DESCRIPTION:** Inorganic/Organic N-P-K fertilizer mixture

**RECOMMENDED USE:** Fertilizer - See product label for recommended uses and use rates.

**PRODUCT RESTRICTIONS:** See product label for any restrictions on the use of this product

**EPA REGISTRATION #:** Exempt

**SUPPLIER NAME:**

VOGEL SEED & FERTILIZER

1735 State Road 419

Longwood, FL 32750

**MEDICAL EMERGENCY TELEPHONE NUMBER:** 1-877-424-7452 (24hrs)

**Non-Emergency Business Inquiries:** 1-407-322-2421

Mon - Fri 8am - 5pm (Central Standard Time)

**CAS No: Mixture**

**PRODUCT SDS #:**

**Issue Date:** April 30, 2026

**Revision Date:** New

**Version No.** 0

**FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:  
CHEMTREC 1-800-424-9300 (24 hours)**

### SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Granular product. Causes moderate eye irritation. May cause skin irritation after prolonged exposure.

**POTENTIAL HEALTH EFFECTS -**

**Eyes:** Causes moderate but temporary eye irritation.

**Skin:** May cause mild skin irritation including temporary redness and itching.

**Inhalation:** May cause irritation of the upper respiratory tract.

**Ingestion:** May be harmful if swallowed.

**Pre-existing Conditions:** Pre-existing respiratory conditions may be aggravated by exposure.

**Chronic Health Effects:** None known.

**CARCINOGENICITY:**

NTP: Not listed

IARC: Not listed

OSHA: Not Listed

**OSHA DEFINED HAZARDS:** Eye Irritation - Category 2A; Skin Irritation - Category 2

**LABEL ELEMENTS -**

**Hazard Symbol:**



**Signal Word:** WARNING

**Hazard Statement:** Causes serious eye irritation.

Causes skin irritation.

**% OF PRODUCT WITH UNKNOWN TOXICITY:** N/A

**PRECAUTIONARY STATEMENTS -****Prevention:** Wash hands thoroughly after handling. Wear gloves, eye and face protection. Do not breathe dust.**Response:** IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention.**Precautionary Statements – Storage**

None

**Precautionary Statements – Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

Unknown

**Other information**

May be harmful if swallowed. Very toxic to aquatic life with long lasting effects

**Interactions with Other Chemicals**

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS No</u>	<u>Weight -%</u>	<u>Trade Secret</u>
Potassium Chloride	7447-40-7	NA	*
Urea	57-13-6	NA	*
Diammonium Phosphate	7778-28-0	NA	

### 4. FIRST AID MEASURES

**First aid measures****Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact Lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub Affected area. Get medical attention if irritation develops and persists.**Skin contact** Wash with soap and water**Inhalation** Remove to fresh air**Ingestion** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a physician.**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects** Burning sensation**Indication of any immediate medical attention and special treatment needed****Notes to Physician** Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient

**Specific hazards arising from the chemical**

No information available

**Uniform Fire Code**

Irritant: Solid

### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. ACCIDENTAL RELEASE MEASURES**

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

**Environmental precautions** See section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## **7. HANDLING AND STORAGE**

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** None known based on information supplied.

## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

### Control parameters

Exposure Guidelines

<b>Chemical Name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Urea 57-13-6	-	TWA: 15 mg/m3 TWA: 5 mg/m3 (vacated) TWA: 15 mg/m3 (vacated) TWA: 5 mg/m3	TWA: 5 mg/m3 respirable dust TWA: 10 mg/m3 total dust

*ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits NIOSH IDLH immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11<sup>th</sup> Cir., 1992)

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection**

Wear protective gloves and protective clothing.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

**Physical state**

**Granular, Solid**

**Appearance**

Light gray

**Odor**

Mild-musty

**Color**

No information available

**Odor Threshold**

No information available

**Property****Values****Remarks Method****pH**

No data available

None Known

**Melting/freezing point**

No data available

None Known

**Boiling point/boiling range**

No data available

None Known

**Flash Point**

No data available

None Known

**Evaporation Rate**

No data available

None Known

**Flammability (solid, gas)**

No data available

None Known

**Flammability Limit in Air**

No data available

None Known

**Upper flammability**

No data available

None Known

**Lower flammability**

No data available

None Known

**Vapor pressure**

No data available

None Known

**Vapor density**

No data available

None Known

**Specific gravity**

No data available

None Known

**Water Solubility**

Very Soluble

None Known

**Solubility in other solvents**

No data available

None Known

**Partition coefficient: n-octanol/water**

0

None Known

**Autoignition temperature**

No data available

None Known

**Decomposition temperature**

No data available

None Known

**Kinematic viscosity**

No data available

None Known

**Dynamic viscosity**

0

None Known

**Explosive properties**

No data available

**Oxidizing properties**

No data available

**Other Information****Softening Point**

No data available

**VOC Content (%)**

No data available

**Particle Size**

No data available

**Particle Size Distribution**

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

## Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of Respiratory tract.
<b>Eye Contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation, (based on components). May cause redness, itching and pain.
<b>Skin Contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged Contact may cause redness and irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation To mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and Diarrhea.

## Component Information

<b>Chemical Name</b> Urea 57-13-6	<b>Oral LD50</b> = 2600 mg/kg (Rat)	<b>Dermal LD50</b> -	<b>Inhalation LC50</b> -
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## Information on toxicological effects

**Symptoms** May cause redness and tearing of the eyes.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information needed
<b>Mutagenic Effects</b>	No information needed
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive toxicity</b>	No information needed
<b>STOT – single exposure</b>	No information needed
<b>STOT – repeated exposure</b>	No information needed
<b>Target Organ Effects</b>	Eyes. Respiratory System. Skin.
<b>Aspiration Hazard</b>	No information needed

## Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**  
3,572.00 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic life with long lasting effects.

<b>Chemical name</b>	<b>Toxicity to Algae</b>	<b>Toxicity to Fish</b>	<b>Toxicity to Microorganisms</b>	<b>Daphnia Magna (Water Flea)</b>
Urea 57-13-6	72h EC50= 2500 mg/L (Desmodesmus Subspicatus)	96h LC50: 750-1020 Mg/L (Pimephales promelas)96h LC50: =1060 mg/L (Lepomis macrochirus)		48h EC50: = 825 mg/L 48h EC50: = 83 mg/L

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available.

### Other adverse effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

#### **Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulation (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

#### **California Hazardous Waste Codes**

232

### 14. TRANSPORT INFORMATION

#### DOT

Proper Shipping Name  
Hazard Class

NOT REGULATED  
NOT REGULATED  
N/A

#### TDG

Not regulated

#### MEX

Not regulated

#### ICAO

Not regulated

#### IATA

Proper Shipping Name  
Hazard Class

Not regulated  
NON REGULATED  
N/A

#### IMDG/IMO

Hazard Class  
Marine Pollutant

Not regulated  
N/A  
Product is a marine pollutant according to the criteria set by IMDG/IMO

#### RID

Not regulated

#### ADR

Not regulated

#### AND

Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

TSCA

COMPLIES

DSL

All components are listed either on the DSL or NDSL.

**TSCA** – United States Toxic Substance Control Act Section 8(b) Inventory

**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List

#### US Federal Regulations

#### SARA 13

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or Chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **Chemical Name**

#### **CAS No**

#### **Weight %**

#### **SARA 313 – Threshold Values %**

Urea

57-13-6

NA

NA

#### SARA 311/312 Hazard Categories

Acute Health Hazard

Yes

Chronic Health Hazard

No

Fire Hazard

No

Sudden release of pressure Hazard

No

Reactive Hazard

No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)(40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**EPA Pesticide Registration Number**

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

**International Regulations**

**Mexico**

**National occupational exposure limits**

Chemical Name	Carcinogen Status	Exposure Limits
NA	NA	Mexico: TWA = 10 mg/m3 Mexico: STEL = 20 mg/m3

*Mexico – Occupational Exposure Limits – Carcinogens*

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	2	<b>Flammability</b>	0	<b>Instability</b>	0	<b>Physical and Chemical Hazards – Personal Protection</b>
<b>HMIS</b>	<b>Health Hazards</b>	2	<b>Flammability</b>	0	<b>Physical Hazard</b>	0	

<b>Prepared by</b>	<b>Vogel Seed &amp; Fertilizer</b>
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	Longwood, Fl. 32750
	1-407-322-2421
<b>Issuing Date</b>	<b>30 – April - 2026</b>
<b>Revision Date</b>	
<b>Revision Note</b>	No Information Available

**End of Safety Data Sheet**