



13-25-12

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: 13-25-12

SYNONYMS: None
PRODUCT ID: I2035832

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 AND FERTILIZER

1891 Spring Valley Rd.

Jackson, WI. 53037

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: September 24th, 2025

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

Chemical name	CAS No	Weight -%	Trade Secret
Potassium Chloride	7447-40-7	N/A	*
Urea	57-13-6	N/A	*
Calcium Carbonate	47-34-1	N/A	*
Diammonium Phosphate	7778-28-0	N/A	*

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 them 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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate 47-34-1	-	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 (11th 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 contaminants 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

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
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

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of Respiratory tract.
Eye Contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation, (based on components). May cause redness, itching and pain.
Skin Contact	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged Contact may cause redness and irritation.
Ingestion	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

Chemical Name Potassium Chloride 7447-40-7	Oral LD50 = 2600 mg/kg (Rat)	Dermal LD50 -	Inhalation LC50 -
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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

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

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Potassium Chloride 7447-40-7	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

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14. TRANSPORT INFORMATION

<u>DOT</u>		NOT REGULATED
	Proper Shipping Name	NOT REGULATED
	Hazard Class	N/A
<u>TDG</u>		Not regulated
<u>MEX</u>		Not regulated
<u>ICAO</u>		Not regulated
<u>IATA</u>		Not regulated
	Proper Shipping Name	NON-REGULATED
	Hazard Class	N/A
<u>IMDG/IMO</u>		Not regulated
	Hazard Class	N/A
	Marine Pollutant	Product is a marine pollutant according to the criteria set by IMDG/IMO
<u>RID</u>		Not regulated
<u>ADR</u>		Not regulated
<u>AND</u>		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	1 – 5	1.0

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 release 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
Calcium Carbonate

Carcinogen Status

Exposure Limits
Mexico: TWA = 10 mg/m3
Mexico: STEL = 20 mg/m3

Mexico – Occupational Exposure Limits – Carcinogens

Canada

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

NFPA	Health Hazards	2	Flammability	0	Instability	0	Physical and Chemical Hazards – Personal Protection
HMIS	Health Hazards	2	Flammability	0	Physical Hazard	0	

Prepared by	Vogel Seed and Fertilizer 1891 Spring Valley Rd. Jackson, WI 53037 1-407-322-2421
Issuing Date	24 – September - 2025
Revision Date	
Revision Note	No Information Available

End of Safety Data Sheet