

SAFETY DATA SHEET

Section 1: Identification

Product Name: EZG 26-6-16 Turf Blend
Product Use: Fertilizing Compound
Not Recommended for: No available information

EZ-FLO Fertilizing Systems
3640 Cincinnati Ave., #C
Rocklin, CA 95765
www.ezfloinjection.com
Emergency Phone: (866) 393-5601
Fax: (916) 652-5754

FOR CHEMICAL EMERGENCY:
Call CHEMTREC, day or night
(800) 424-9300, USA/Canada
(703) 527-3887, International

Section 2: Hazard(s) Identification

GHS Ratings:

GHS Hazards:

H315: Causes skin irritation
H319: Causes serious eye irritation
H361: Suspected of damaging fertility or the unborn child

GHS Precautions:

P202: Do not handle until all safety precautions have been read and understood
P264: Wash skin thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection
P302+P352: IF ON SKIN: Wash with plenty of soap and water
P332+P313: If skin irritation persists: Get medical advice/attention
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362: Take off contaminated clothing and wash it before reuse.
P405: Store locked up
P501: Dispose of contents/container in accordance with local/regional/national/international regulations

Signal Word: Warning

Hazard Pictograms



Section 3: Composition/Information on Ingredients

Chemical Identity: 28% N, 8% P₂O₅, 18% K₂O, 0.05% Mg, 0.025% B, 0.055% Cu, 0.14% Fe, 0.07% Mn, 0.0005% Mo, 0.055% Zn

Chemical Name	CAS number	Weight Concentration %
Potassium nitrate	7757-79-1	30-35%
Ethylenediaminetetraacetic acid	39208-15-6	0.35 - 0.40%
copper (II) disodium salt		
Ethylenediaminetetraacetic acid	14025-21-9	0.1 - 0.15%
disodium zinc salt hydrate		
Boric acid	10043-35-3	0.10 - 0.15%

Section 4: First-Aid Measures

If Inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and seek medical attention immediately. Maintain an open airway. If symptoms appear or you feel unwell, seek medical advice/attention immediately. Loosen tight clothing such as collar, tie, belt or waistband. In case of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

If in eyes

Rinse continuously with water for several minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses if present and easy to do, continue rinsing. Seek medical advice/attention immediately.

If on skin (or hair)

Remove immediately all contaminated clothing. Rinse skin with plenty of soap and water for several minutes. If irritation/rash develops or persists, seek medical advice/attention immediately. Wash contaminated clothing before reuse.

If swallowed

Seek immediate medical advice/attention. Call a poison control center physician. Rinse mouth with water. Remove dentures, if any. Move victim to fresh air and keep at rest in a position comfortable for breathing. If the person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place victim in recovery position and seek medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 11.

Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Section 5: Fire Fighting Measures

Suitable extinguishing media

water spray, dry powder, carbon dioxide, foam

Unsuitable extinguishing media

None known

Special hazards arising from the chemical(s)

sulfur dioxides, carbon dioxides, potassium dioxides, sodium dioxides, nitrogen dioxides, copper dioxides

Advice for firefighters:

Firefighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

As outlined in section 8, wear appropriate respiratory protection. Avoid dust formation. Avoid breathing dust, fume, vapors, spray, mist or gas. Use personal protective clothing. Ensure adequate ventilation. Evacuate personnel to safe area.

Environmental precautions

Do not allow spilled product to enter water supplies

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Avoid breathing dust.

Section 7: Handling and Storage

Precautions for safe handling

Do not eat, drink, or smoke when using this product. Wash hands and other exposed areas thoroughly after handling. Provide adequate ventilation. Protect packages against physical damage. Reseal containers immediately after use. Immediately remove and dispose of any spilled material.

Conditions for safe storage, including and incompatibilities

Keep container tightly closed in a dry and well ventilated area.

Section 8: Exposure Control / Personal Protection

Control parameters

Chemical Name	CAS number	ACGIH Threshold Limit Values		OSHA PEL		NIOSH REL	
		TWA	STEL	TWA	STEL	TWA	STEL
Potassium nitrate	7757-79-1	NDA	NDA	NDA	NDA	NDA	NDA
Ethylenediaminetetraacetic acid	39208-15-6	NDA	NDA	NDA	NDA	1 mg/m3	NDA
copper (II) disodium salt							
Ethylenediaminetetraacetic acid	14025-21-9	NDA	NDA	NDA	NDA	NDA	NDA
disodium zinc salt hydrate							
Boric acid	10043-35-3	2 mg/m3	6mg/m3	NDA	NDA	NDA	NDA

Appropriate engineering controls

Provide sufficient ventilation to maintain airborne concentrations below the recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at end of the workday.

Individual protection measures, such as personal protective equipment

Eye Protection- Tightly fitting safety goggles or face shield if a splashing hazard exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH

Skin protection- Handle with chemical resistant protective gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands.

Body protection- Body protection must be chosen on activity and possible exposure, i.e. apron, chemical resistant footwear plus socks, long sleeved shirt, long pants, chemical protection suit.

Respiratory protection- Provide sufficient ventilation to maintain airborne concentrations below the recommended exposure limits. Wear a NIOSH certified (or equivalent) organic vapor/particulate respirator. Do not exceed the maximum use concentrations for the respirator facepiece /cartridge combination.

General safety and hygiene measures- Eye wash fountains and safety showers must be easily accessible. Employees should wash their hands and face before eating, drinking or using tobacco products.

Section 9: Physical and Chemical Properties

Appearance	Gray Granular	Explosive limits	no data available
Odor	None	Vapor pressure	no data available
Odor Threshold	no data available	Vapor density	no data available
pH	no data available	Relative density	no data available
Melting point	no data available	Solubility	soluble
Freezing point	no data available	Partition coefficient (n-octanol/water)	no data available
Initial boiling point	no data available	Auto-ignition temperature	no data available
Boiling range	no data available	Decomposition temperature	no data available
Flash point	no data available	Viscosity	no data available
Evaporation rate	no data available	Specific gravity	no data available
Flammability	no data available		

Section 10: Stability and Reactivity

Reactivity

No data available

Chemical Stability

Product is stable at ambient temperature and pressure, under normal storage and handling conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

Extreme heat. Contact with strong oxidizers and reducing agents

Incompatible materials

Strong oxidizing agents, strong acids, strong bases.

Hazardous decomposition products

Combustion may produce irritating gasses and vapors. Toxic metal oxides may also be produced.

Section 11: Toxicological Information

Likely routes of exposure

Inhalation, ingestion, skin and eye contact.

Symptoms related to physical, chemical, and toxicological characteristics and delayed and immediate effects and chronic effects from short term and long term exposure.

Acute Toxicity

no data available for the mixture

Acute oral - Boric acid: Estimated Ld50 = 2,660 mg/kg

Skin corrosion/irritation

Immediate contact may cause irritation. Repeated exposure may lead to itch, rash, dermatitis or other reaction.

Serious eye damage/eye irritation

May cause serious eye irritation, including redness and inflammation

Respiratory or skin sensitization

No data available

Carcinogenicity

No data available

Germ cell mutagenicity

No data available

Reproductive toxicity

No data is available for this mixture. Boric acid has been demonstrated to have effect on male fertility and the development of an unborn child

Specific target organ toxicity - single or repeated exposure

No data available

Aspiration hazard

No data available

Symptoms after inhalation

No data available

Symptoms after skin contact

May cause skin irritation

Symptoms after eye contact

May cause serious eye irritation including redness and inflammation

Symptoms after ingestion

May cause intestinal irritation if ingested

Section 12: Ecological Information

Ecotoxicity

No data available for this mixture. Individual component data reported.

Potassium nitrate: LC50L 22.5mg/l, exposure time: 96 h, species: *Gambusia affinis* (mosquito fish), Static test: Lc50: 1.378 mg/l, exposure time: 96 h, species: *Poecilia reticulata* (Guppy). Lc50: 226 mg/l, exposure timeL 72 h, species: *Daphnia magna* (water flea)

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Section 13: Disposal Considerations

Disposal instructions

All waste must be handled in accordance with local, state and federal regulations or with regulations of Canada and its Provinces. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Waste from residues/unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (refer to disposal instructions).

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14: Transport Information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not regulated by DOT			

Section 15: Regulatory Information

State of California Safe Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
-NONE

The following chemicals are listed under the Canadian NDSL
-NONE

Section 16: Other Information

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