

# Safety Data Sheet

## Section 1 Product Information

Product Name: 30-0-5 STD, NUTRILIFE, 2%Fe, 16% TOP CUT, MOP, (ENDURE) 50 LB. Product Code: blend07651  
Spring Valley 800-635-2123  
1891 Spring Valley Rd.  
Jackson, WI 53037

Product Use: Granular blended fertilizer for general horticulture use.  
Not recommended for: Not recommended for use in or around bodies of water.

## Section 2 Hazards

### **GHS Ratings:**

Eye corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days

### **GHS Hazards**

H319 Causes serious eye irritation

### **GHS Precautions**

P264 Wash ... thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P337+P313 If eye irritation persists, get medical advice/attention

### **Signal Word: Warning**



## Section 3 Composition

Exact percentages of components are withheld as a trade secret.

Chemical Name	CAS number	Weight Concentration %
Urea Granular	57-13-6	60.00% - 70.00%
Bio-solids	308066-19-5	10.00% - 20.00%
Potassium Chloride	7447-40-7	5.00% - 10.00%
Biodac	Biodac	5.00% - 10.00%
Iron Oxide	1309-37-1	1.00% - 5.00%

(1) Nuisance limit

## Section 4 First Aid

**Inhalation:** Remove to fresh air, if irritation of lungs persists contact physician.

**Eye Contact:** Flush eyes with plenty of water for 15 minutes. Contact physician if irritation persists.

**Skin Contact:** Wash with soap and water. Contact physician if irritation persists.

Drink plenty of water and contact physician.

**General Advice:** If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Most important symptoms and affects, both acute and delayed:** Aside from the information found under Section 4 First Aid and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment.

## Section 5 Fire Fighting

Flash Point: N/A

LEL:

UEL:

**Suitable extinguishing media:** Water fog of fine spray. Dry Chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

**Unsuitable extinguishing media:** None.

**Special hazards arising from the substance or mixture**

**Hazardous combustion products:** During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

**Unusual Fire and Explosion Hazards:** Container may melt from gas generation in a fire situation Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate. Dense smoke is produced when product burns.

**Special Fire Fighting Procedures:** Protect eyes and skin from contact with smoke. Wear self contained breathing apparatus when fighting fires. Keep all nonessential personnel upwind from smoke. Contain runoff waters and consult with your local environmental agencies before disposal.

## Section 6 Accidental Release Measures

**Cleanup procedures:** Sweep spill, repackage in labeled container and reuse.

## Section 7 Handling and Storage

**Precautions for safe handling:** Keep out of reach of children. Do not swallow. Avoid breathing dust or mist. Avoid contact with eyes, skin, and clothing. Keep away from heat, sparks, and flame. Good housekeeping and controlling of dusts are necessary for safe handling of product. Wash thoroughly after handling. Use with adequate ventilation.

**Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other fertilizers, food, or feed. Store in original containers and out of the reach of children, preferably in a locked storage area.

## Section 8 Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Urea Granular 57-13-6	15mg/m <sup>3</sup>	Not Established	Not Established
Bio-solids 308066-19-5	Not Established	Not Established	Not Established
Potassium Chloride 7447-40-7	Not Established	Not Established	Not Established

Biodac Biodac	Not Established	Not Established	Not Established
Iron Oxide 1309-37-1	10 mg/m <sup>3</sup>	Not Established	Not Established

**Personal Protective Equipment (PPE):**

Eye and face protection: Wear protective eyewear (goggles or faceshield)

Skin Protection: Wear chemical-resistant gloves, long sleeved shirt and pants, and shoes plus socks when using this product. Take off any contaminated clothing after applications and wash before reuse.

Respiratory Protection: In places with poor circulation and ventilation where the risk of inhalation of dust particles may present itself use suitable respiratory equipment such as MSHA/NIOSH approved respirator with approved filter. Additional information on the selection of respirators can be found in the NIOSH Respirator Selection Logic (DHHS [NIOSH] Publication No. 2005-100) and the NIOSH Guide to Industrial Respiratory Protection (DHHS [NIOSH] Publication No. 87-116) available at <http://www.cdc.gov/niosh/docs/87-116/>

**Section 9 Physical Properties**

<p><b>Appearance</b> Blend of granular pellets.</p> <p><b>Physical State</b> Solid Granular</p> <p><b>Specific Gravity (SG)</b> 2.859</p>	<p><b>Odor</b> Slightly earthy</p> <p><b>Boiling Range</b> 1420 to 1500 °C</p> <p><b>Lbs VOC/Gallon Less Water</b> 0.00</p>
---	---

**Section 10 Stability and Reactivity**

STABLE

**Incompatibilities:** None known.

Not Applicable

**Hazardous Decomposition:** Not established.

Not Applicable

Hazardous polymerization will not occur.

**Section 11 Toxicological Information**

**Mixture Toxicity**

**Component Toxicity**

7447-40-7 Potassium Chloride  
Oral LD50: 1,500 mg/kg (rat)

**Routes of Entry:** Skin and eye. May irritate open sores and wounds. May cause temporary eye irritation.

Skin Contact      Eye Contact      Ingestion

Not Applicable

**Effects of Overexposure**

CAS Number                      Description                      % Weight                      Carcinogen Rating

None

Not Applicable

Section 12 Ecological Information

Component Ecotoxicity

Urea Granular 96 Hr LC50 Poecilia reticulata: 16200 - 18300 mg/L
48 Hr EC50 Daphnia magna: 3910 mg/L [Static]

Section 13 Disposal Considerations

Product Disposal: Reuse product if possible. May be placed in household waste.

Container Disposal: Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available.

Section 14 Transportation

In accordance with DOT/TDG/ADR/RID/ADNR/IMDG/ICAO/IATA

Technical shipping name:..... Not regulated.
Proper shipping name:..... Not regulated.
Hazard Class or Division:..... Not regulated.

Overland transport
Not regulated as dangerous goods

Transport by sea
Not regulated as dangerous goods

Air transport
Not regulated as dangerous goods

Table with 5 columns: Agency, Proper Shipping Name, UN Number, Packing Group, Hazard Class. Values: Agency, Proper Shipping Name, Not Applicable, UN Number, Packing Group, Hazard Class.

Section 15 Regulations

Table with 3 columns: Country, Regulation, All Components Listed

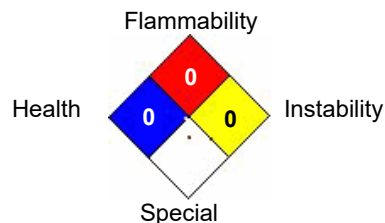
Section 16 Other Information

Hazardous Material Information System (HMIS)

HMIS hazard rating table with columns for Health, Flammability, Physical Hazard, and Personal Protection, all with a rating of 0.

HMIS & NFPA Hazard Rating Legend
\* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



The information herein is provided in good faith and believed to be accurate as of the effective date shown above .

However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

Reviewer Revision

Date Prepared: 1/6/2020