


**SECTION 1: CHEMICAL PRODUCT - COMPANY IDENTIFICATION**

**SOS Environmental** (940) 720-6643  
 811 6<sup>th</sup> Street  
 Suite 130  
 Wichita, Texas 76301

**SUBSTANCE:** JumpStart™  
**TRADE NAMES/SYNONYMS:** none  
**CHEMICAL FAMILY:** soil amendment  
**MSDS CREATION DATE:** 31 Dec 00  
**SDS REVISION DATE:** 01 Jun 15

**SECTION 2: HAZARDS IDENTIFICATION**

Physical State	Liquid
Odor and color	Odorless, colorless liquid.
OSHA/HCS Status	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
Emergency Overview	May be harmful if swallowed. May cause eye and skin irritation. Do not ingest. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
Hazard Pictogram	
Signal Word	Warning
Precautionary Statements	
General	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	Wear eye or face protection. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Response	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 attention.
Storage	Not applicable.
Handling	Not applicable.
Hazards not otherwise classified	None known.
<b>NFPA RATINGS:</b> (SCALE 0-4):	HEALTH=1      FIRE=0      REACTIVITY=0



## Safety Data Sheet

### SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS

The composition information and/or the composition of one of the components of this product is proprietary. This product is not hazardous as defined in 29 CFR 1910.1200. In the event of a medical emergency, spill or fire, compositional information will be revealed to responding emergency personnel.

COMPONENTS	CAS NUMBER	RTECS NUMBER	PERCENTAGE
Blend of N, P, K fertilizers, micro-nutrients, plant stimulant, electrolytes, proprietary additives and water.	not applicable	not applicable	proprietary

### SECTION 4: FIRST AID MEASURES

**SKIN CONTACT:** Remove contaminated clothing and shoes. Wash affected area with soap or mild detergent.

**EYE CONTACT:** Flush eyes with water or normal saline solution.

**INGESTION:** Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell

### SECTION 5: FIRE FIGHTING MEASURES

**FIRE AND EXPLOSION HAZARD:** Negligible fire hazard.

**HAZARDOUS COMBUSTION PRODUCTS:** Not determined

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**OCCUPATIONAL SPILL:** For small spills, take up with sand or other absorbent material and place in containers for disposal. For larger spills, dike far ahead of spill for later disposal.

### SECTION 7: HANDLING AND STORAGE

Observe all federal, state and local regulations when storing this product. Store in a tightly closed container. Store away from incompatible materials.

### SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

**EXPOSURE LIMITS:** No occupational exposure limits established by OSHA/ACGIH/NIOSH.

**VENTILATION:** Provide local exhaust ventilation system.

**EYE PROTECTION:** Wear safety glasses with splash shields or safety goggles/shield.

**CLOTHING:** Wear normal work clothing. Leather work boots and/or leather products will dehydrate with resultant shrinkage and possible destruction.

**GLOVES:** Wear appropriate protective gloves.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Description	Odorless, colorless liquid.
Odor	Odorless
pH	6.0 - 8.0
Melting Point/Freezing Point	Not Established
Boiling Point	112°C (234°F)
Specific Gravity	1.20 (10.0 ppg) @ 25°C (77°F)



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Flash Point	N/A
Upper/Lower Flammability Point	N/A
Evaporation Rate	Not Established
VOC	N/A
Vapor Pressure	Not Established
Vapor Density	Not Established
Water Solubility	Miscible with water in all proportions.
Partition Coefficient	Not Established
Solvent Solubility	Miscible in alcohol, acetic acid and acetone
Auto-Ignition Temperature	N/A
Decomposition Temperature	Not Established
Viscosity	Like Water

### **SECTION 10: STABILITY AND REACTIVITY**

**REACTIVITY:** Stable under normal temperatures and pressures.

**CONDITIONS TO AVOID:** None reported.

**INCOMPATIBILITIES:**

**Metals:** Corrosive in the presence of moisture.

**Zinc:** Corrodes, releasing flammable hydrogen gas.

**HAZARDOUS DECOMPOSITION:** This product will emit carbon, nitrogen and sulfur oxides; ammonia upon decomposition.

**POLYMERIZATION:** Does not occur under normal temperatures and pressures.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

**CARCINOGEN STATUS:** None.

**LOCAL EFFECTS:** Eye, mucous membrane and skin irritant.

### **SECTION 12: ECOLOGICAL INFORMATION**

**ACUTE AQUATIC TOXICITY:** No data available.

**DEGRADABILITY:** Does not biodegrade.

**LOG BIOCONCENTRATION FACTOR (BCF):** Does not bioaccumulate.

**LOG OCTANOL/WATER PARTITION COEFFICIENT:** No data available.

### **SECTION 13: DISPOSAL INFORMATION**

Observe all federal, state and local regulations when disposing of this substance.

### **SECTION 14: TRANSPORT INFORMATION**

DOT Shipping Name-ID Number: Non-regulated.

### **SECTION 15: REGULATORY INFORMATION**

TSCA STATUS: Yes

DSL STATUS: Yes

EINECS STATUS: Yes

OTHER TSCA ISSUES: None

CALIFORNIA PROPOSITION 65: No ingredients found on the Propositions 65 list

SARA SECTIONS 311 CLASSIFICATION: Acute Hazard



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**SECTION 16: OTHER INFORMATION**

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.

This information relates to the specific product designated and may not be valid for such product used in combination with any other materials or in any other processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty, or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

SOS Environmental, Incorporated reserves the right to refuse shipment of this product to any consumer who fails to demonstrate the ability to consistently handle and use it safely and in compliance with all applicable laws, rules and regulations. Such demonstration may require on-site inspection of any or all storage, processing, packaging, and other handling systems that come in contact with it.

Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product.