

## 1. Product and Company Identification

**Product Code:** 00087  
**Product Name:** WHITE LABEL ZINC  
**Trade Name:** WHITE LABEL ZINC (5%S, 10%Zn)  
**Company Name:** Stoller USA, Inc. **Phone Number:**  
 4001 W Sam Houston Pkwy N 1 (713)461-1493  
 Suite 100  
 Houston, TX 77043  
**Email address:** stoller@stollerusa.com  
**Emergency Contact:** Chemtrec 1 (800)424-9300  
**Synonyms:** Liquid fertilizer containing zinc and sulfur.

## 2. Hazards Identification

**Serious Eye Damage/Eye Irritation, Category 2**  
**Acute Toxicity: Skin, Category 1**  
**Skin Corrosion/Irritation, Category 2**  
**Acute Toxicity: Inhalation, Category 5**  
**Acute Toxicity: Oral, Category 1**  
**Specific Target Organ Toxicity (repeated exposure), Category 2**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H300 - Fatal if swallowed.  
 H310 - Fatal in contact with skin.  
 H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H333 - May be harmful if inhaled.  
 H373 - May cause damage to through prolonged or repeated exposure.

**GHS Precaution Phrases:** P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P262 - Do not get in eyes, on skin, or on clothing.  
 P264 - Wash hands thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P101 - If medical advice is needed, have product container or label at hand.  
 P233 - Keep container tightly closed.  
 P234 - Keep only in original container.

**GHS Response Phrases:** P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P310 - Immediately call a POISON CENTER or doctor/physician.  
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
 P362 - Take off contaminated clothing and wash before re-use.  
 P332+313 - If skin irritation occurs, get medical advice/attention.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.  
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+313 - If eye irritation persists, get medical advice/attention.  
 P370+378 - In case of fire, use any means suitable to extinguish.

<b>GHS Storage and Disposal Phrases:</b>	P391 - Collect spillage. P405 - Store locked up. P404 - Store in a closed container. P501 - Dispose of contents/container to treatment at a permitted facility or as advised by your local regulatory authority.
<b>Potential Health Effects (Acute and Chronic):</b>	Chronic: Not known.
<b>Inhalation:</b>	May be harmful if inhaled.  Prolonged exposure to low concentrations of vapors may cause sore throat and headache, which are temporary.
<b>Skin Contact:</b>	Harmful if absorbed through broken skin. Large doses may cause liver and kidney damage. May cause discomfort, irritation, injury and death unless treated properly.
<b>Eye Contact:</b>	Contact with product may cause severe irritation and possibly irreversible damage.
<b>Ingestion:</b>	May cause malaise, nausea, gastrointestinal damage or even death unless treated promptly.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
7733-02-0	Zinc sulfate	25.0 -30.0 %	ZH5260000
68512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	5.0 -10.0 %	NA

### 4. First Aid Measures

**Emergency and First Aid**

**Procedures:**

<b>In Case of Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.  Call a physician if no improvement on patient condition. Move patient to fresh air. Supplemental oxygen may be needed if patient has difficulty breathing. Assure mucous does not obstruct airway.
<b>In Case of Skin Contact:</b>	Remove product and immediately wash affected area with soap and water for 15 minutes. Do not apply greases or ointments. Launder contaminated clothing.
<b>In Case of Eye Contact:</b>	Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
<b>In Case of Ingestion:</b>	If swallowed, call a physician immediately. Do NOT induce vomiting.

## 5. Fire Fighting Measures

**Flash Pt:** N.E.  
**Explosive Limits:** LEL: N.E. UEL: N.E.  
**Autoignition Pt:**  
**Suitable Extinguishing Media:** Use any means suitable to fight surrounding fire.  
**Fire Fighting Instructions:** None.  
**Flammable Properties and Hazards:** None.

## 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** It is necessary to contain the spill into the smallest area possible by diking, enclosing, etc.; replace liquid into plastic container. If liquid is absorbed onto a dry carrier such as soil or absorbent material, then this material should be put in covered, labeled containers and disposed of as a dry waste.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:**  
**Precautions To Be Taken in Storing:** Keep containers closed and away from oxidizing agents. Store only in shipping container: Bulk material can be stored in polyethylene, aluminum or stainless steel tanks.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7733-02-0	Zinc sulfate		TLV: 1 mg/m <sup>3</sup> as Zinc	
68512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated			

**Respiratory Equipment (Specify Type):** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/OSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.  
  
Use of a NIOSH/OSHA approved respirator is suggested. Not specifically required.

**Eye Protection:** Use chemical goggles. Use face-shield protector when there is any likelihood of splashes.

**Protective Gloves:** Protective gloves.

**Other Protective Clothing:** Wear protective gloves and clothing impervious to this material.

**Engineering Controls (Ventilation etc.):** Provide general or local exhaust ventilation. Eye wash fountain should be located in immediate work area.

**Work/Hygienic/Maintenance Practices:** Wash hands thoroughly after using product.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [X] Liquid [ ] Solid  
**Appearance and Odor:** Dark brown color.  
 Mild, characteristic odor.  
**Melting Point:** N.A.  
**Boiling Point:** 220.00 F (104.4 C)  
**Flash Pt:** N.E.  
**Evaporation Rate:** 0.1  
**Flammability (solid, gas):**  
**Explosive Limits:** LEL: N.E. UEL: N.E.  
**Vapor Pressure (vs. Air or mm Hg):** < 1 MM\_HG at 68.0 F (20.0 C)  
**Vapor Density (vs. Air = 1):** 2.1  
**Specific Gravity (Water = 1):** 1.348  
**Solubility in Water:** 100%  
**Percent Volatile:**  
**Autoignition Pt:**

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [X]  
**Conditions To Avoid - Instability:** Stable under normal conditions.  
**Incompatibility - Materials To Avoid:** Strong oxidizing agents.  
**Hazardous Decomposition or Byproducts:** Sulfur dioxide, carbon dioxide.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [X]  
**Conditions To Avoid - Hazardous Reactions:**

## 11. Toxicological Information

**Toxicological Information:**  
**Carcinogenicity/Other Information:** CAS# 7733-02-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7733-02-0	Zinc sulfate	n.a.	n.a.	n.a.	n.a.
68512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

**General Ecological Information:** No environmental impact studies have been performed with this product. The available data on the ingredients of this plant nutrient product does not indicate any undue hazard to the environment under anticipated use and storage. Any waste due to spillage or leakage should be contained and disposed of as a Fertilizer (see Section 6 "Accidental Release Measures). Due to its nutrient value, may contribute to eutrophication in bodies of water.

### 13. Disposal Considerations

**Waste Disposal Method:** Follow all applicable Federal, State and local regulations regarding liquid fertilizers.

### 14. Transport Information

**GHS Classification:** Serious Eye Damage/Eye Irritation, Category 2 - Warning! Causes serious eye irritation  
 Acute Toxicity: Skin, Category 1 - Danger! Fatal in contact with skin  
 Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation  
 Acute Toxicity: Inhalation, Category 5 - Warning! May be harmful if inhaled  
 Acute Toxicity: Oral, Category 1 - Danger! Fatal if swallowed  
 Specific Target Organ Toxicity (repeated exposure), Category 2 - Warning! May cause damage to {<target organs>} through prolonged or repeated exposure

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not applicable. (WHITE LABEL ZINC)  
**DOT Hazard Class:** Not-Regulated Material; Non-Hazardous Material  
**UN/NA Number:**

**Additional Transport Information:** Placards / Markings: N/A

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7733-02-0	Zinc sulfate	No	Yes 1000 LB	Yes-Cat. N982
68512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	No	No	No

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7733-02-0	Zinc sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
68512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
7733-02-0	Zinc sulfate	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; REACH: Yes - (R), (P)
68512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; REACH: Yes - (P)

**Regulatory Information Statement:** If this product contains components designated as CERCLA Reportable Quantity (RQ) Substance, Section 103 of CERCLA requires the "person in charge" of a facility or vessel, as soon as he or she has knowledge of a release of a hazardous substance in an amount equal to or greater than an RQ, to report the release immediately to the National Response Center in Washington, DC. The NRC number is 1-800-424-8802, or 1 (202) 267-2675.

## 16. Other Information

**Revision Date:** 05/03/2015

**Additional Information About  
This Product:**

**Company Policy or**

**Disclaimer:**

Stoller USA, Inc., believes the information contained in this Safety Data Sheet is accurate based on the information provided by reputable suppliers of our raw materials. However, Stoller USA does not guarantee their accuracy or completeness. The information contained herein is furnished without warranty of any kind, whether expressed or implied, as to the safety of the goods, the merchantability of the goods, or the fitness of the goods for any particular purpose. Users should consider these data only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. Stoller USA assumes no responsibility for results obtained or for incidental or consequential damages arising from the use of goods and data.