

# SAFETY DATA SHEET

SOYGREEN®

SDS DATE: 10/1/2022

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** SOYGREEN®

**DISTRIBUTOR ADDRESS:** CHS Inc.  
5500 Cenex Drive, Inver Grove Heights, MN 55077

**EMERGENCY CHEMTREC PHONE:** US: 1-800-424-9300 International: 1-202-483-7616

**CHEMICAL NAME:** Proprietary Mixture  
**CHEMICAL FAMILY:** Micronutrient  
**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Micronutrient Fertilizer

**SECTION 1 NOTES:** None

## SECTION 2: HAZARDOUS INGREDIENTS

### GHS Ratings:

**Toxicity Categories**

**Signal Word:** NONE

### GHS Hazards

NONE

### Precautions

P102 Keep out of reach of children.  
P102 Read label before use.  
P233 Keep container tightly closed.  
P234 Keep only in original container.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P281 Use personal protective equipment as required.  
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously.

## SECTION 3: HAZARDS IDENTIFICATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%WT</u>
Acetic acid, oxo-, sodium salt, reaction products with ethylenediamine and phenol, Iron sodium salts	84539-55-9	100%

**NOTE:** Product does NOT contain any pesticides or pest control agents.

**SECTION 3 NOTES:** These specific chemical identity and or exact percentage (concentration) of composition has been withheld as a trade secret.

### **CARCINOGENICITY**

**OSHA:** No      **ACGIH:** No      **NTP:** No      **IARC:** No      **OTHER:** No

**SECTION 4: FIRST AID MEASURES**

**EYE CONTACT: IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then then continue rinsing. Have product container with you when calling a poison control center or doctor, or going for treatment.

**SKIN CONTACT: IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

**INGESTION: IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

**INHALATION: IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

**SECTION 4 NOTES:** None

**SECTION 5: FIRE FIGHTING MEASURES**

**NFPA HAZARD CLASSIFICATION**

**HEALTH: 1      FLAMMABILITY: 0      REACTIVITY: 0      OTHER: -**

**IN CASE OF A FIRE:** Water, carbon dioxide, dry chemical or foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus with fighting any fire in an enclosed area.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**SECTION 5 NOTES:** None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**INDIVIDUAL PRECAUTIONS:** Avoid contact with eyes and skin, avoid breathing dust, and ensure adequate ventilation.

**ENVIRONMENTAL PRECAUTIONS:** prevent product from reaching surface water.

**CLEANING AND HOLDING MATERIAL:** Collect the product by mechanical means and store in appropriate containers for its disposal. Label the containers and proceed by regarding the local authority's rules. Clean the remaining product with water while avoiding contamination of natural water sources.

**SECTION 6 NOTES:** None

**HANDLING:** Keep out of reach of children. Read label before use. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling. Use personal protective equipment as required.

**STORAGE:** Store in a cool well-ventilated place. Do not store in sunlight. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**SECTION 6 NOTES:** None

**SECTION 7: HANDLING AND STORAGE**

**Contains no substances with occupational exposure limit values**

**VENTILATION:** Normal room ventilation (mechanical) or outdoor use should be satisfactory.

**RESPIRATORY PROTECTION:** Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

**EYE PROTECTION:** Chemical goggles and face shield.

**SKIN PROTECTION:** Chemical gloves, long-sleeved shirts and pants.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash and safety shower should be easily accessible.

**WORK HYGIENIC PRACTICES:** Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

**EXPOSURE GUIDELINES:** If exposed, see section 4 for acute exposure first aid.

**SECTION 8 NOTES:** None

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Dark red-black microgranular	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b> (% BY VOLUME)	Unknown
		<b>LOWER:</b>	Unknown
<b>ODOR:</b>	Moderate	<b>VAPOR PRESSURE (mmHg):</b>	@
<b>ODOR THRESHOLD:</b>	Unknown		F: Unknown C: Unknown
<b>PHYSICAL STATE:</b>	Solid microgranulated powder		
<b>pH AS SUPPLIED:</b>	7.5 – 9.5	<b>VAPOR DENSITY (AIR = 1):</b>	@
			F: Unknown C: Unknown
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>RELATIVE DENSITY:</b>	450-650 Kg/m <sup>3</sup>
<b>BOILING POINT RANGE:</b>	F: Unknown C: Unknown	<b>EVAPORATION RATE:</b> BASIS (butyl acetate=1)	Unknown
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b>	SOLUBLE
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>PARTITION COEFFICIENT:</b> (n-octanol/water)	< -4,2 a 23°C
<b>FLASH POINT:</b>	F: Unknown C: Unknown	<b>AUTO-IGNITION TEMPERATURE:</b>	331° c @ 1013.25 hPa
<b>METHOD USED:</b>	Unknown	<b>DECOMPOSITION TEMPERATURE:</b>	Unknown
<b>FLAMMABILITY (solid, gas):</b>		<b>VISCOSITY:</b>	@ F: Unknown C: Unknown

**SECTION 9 NOTES: Values are not product specifications.**

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable  Unstable

**CONDITIONS TO AVOID (STABILITY):** Keep away from flame, hot surfaces and ignition sources.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Avoid oxidizing agents

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** By pyrolysis toxic fumes such as carbon oxides (CO, CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) can be produced.

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID (POLYMERIZATION):** None known

**SECTION 10 NOTES:** None

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:**

**ACUTE TOXICITY:** This product does not show any acute toxic effects

**SKIN CORROSION/IRRITATION:** Non-irritable

**COMPONENT TOXICITY:** Not available

**CHRONIC TOXICITY:** Non-carcinogenic, non-mutagenic, and non-teratogenic

**SECTION 11 NOTES:** None

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:**

**ECOTOXICITY:** Non-toxic

**BIOACCUMULATIVE POTENTIAL:** Non-bioaccumulable

**MOBILITY IN SOIL:** Not available

**OTHER ADVERSE EFFECTS:** Not available

**SECTION 12 NOTES:** None

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local/ regional/ national/ international regulations.

**CONTAINER DISPOSAL:** Not available

**RCRA HAZARD CLASS:** None

**SECTION 13 NOTES:** None

**SECTION 14: TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION**

**DOT Shipping Description:** Not Regulated

**U.S. Surface Freight Classification:** ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)  
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

**OTHER AGENCIES:** None

**SECTION 14 NOTES:** None

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Mixture not listed

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not regulated

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** Not regulated

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** None

**INTERNATIONAL REGULATIONS:** None

**SECTION 15 NOTES:** None

**SECTION 16: OTHER INFORMATION**

**OTHER INFORMATION:** None

**DISCLAIMER:**

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.