



Safety Data Sheet

Soygreen® Granular 2.4

SDS DATE: 08/18/2020

Section 1: Product and Company Identification

PRODUCT NAME: Soygreen® Granular 2.4

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

MANUFACTURER: Verdesian Life Sciences
5566 Nash Road / Cape Girardeau, MO 63701

EMERGENCY CHEMTREC PHONE: US: 1-800-424-9300

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

PRODUCT USE: Micronutrient Fertilizer

SECTION 1 NOTES: None

Section 2: Hazard 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.
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 so. Then continue rinsing cautiously.

SECTION 2 NOTES: None



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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	40%
Reed sedge peat	Not Available	58%
Calcium carbonate (ag lime)	471-34-1	2%

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

CARCINOGENICITY

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

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

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: None

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 PRCEEDURES: 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



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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

Section 7: Handling and Storage

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 7 NOTES: None

Section 8: Exposure Controls/Personal Protection

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

APPEARANCE:	solid, reddish-brown granule	FLAMMABLE LIMITS IN AIR, UPPER: Unknown (% BY VOLUME) LOWER: Unknown
ODOR:	Smoky, humic	VAPOR PRESSURE (mmHg): @
ODOR THRESHOLD:	No Threshold	F: Unknown C: Unknown
PHYSICAL STATE:	Solid, Granule	
pH AS SUPPLIED:	7.0 - 7.8	VAPOR DENSITY (AIR = 1): @ F: Unknown C: Unknown



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INITIAL BOILING POINT: F: Unknown
C: Unknown

SPECIFIC GRAVITY: 0.961

BOILING POINT RANGE: F: Unknown
C: Unknown

EVAPORATION RATE: Unknown
BASIS (butyl acetate=1)

MELTING POINT: F: Unknown
C: Unknown

SOLUBILITY IN WATER: Non-soluble

FREEZING POINT: F: Unknown
C: Unknown

AUTO-IGNITION TEMPERATURE: 500° F
331° C

FLASH POINT: F: Unknown
C: Unknown

DECOMPOSITION TEMPERATURE: 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. Avoid access heat and dust generation.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: By pyrolysis toxic fumes such as carbon oxides (CO, CO₂) and nitrogen oxides (NO_x) can be produced.

HAZARDOUS POLYMERIZATION: Will not occur

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



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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



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Section 16 Other Information

Disclaimer:

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