
MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Product Identifier: NOVASYN

General Use: Fertilizer for foliar application

MANUFACTURED FOR:

GREEN•SOL Inc., Jodie Parker Road, Ozark, Alabama 36360, Telephone 334-774-2515

EMERGENCY TELEPHONE NUMBER: 800-457-4280

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS	OSHA PEL	ACGIH TLV
* Ammonium Thiosulfate	778318-8	N/E**	N/E*

*Hazardous within the meaning of 29 C.F.R. Part 1910.1200

**Not Established

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:** Yellowish liquid. Avoid contact with skin and eyes. In case of contact, wash thoroughly with water.**POTENTIAL HEALTH EFFECTS:****EYE CONTACT:** Causes irritation. Symptoms may include stinging, burning, watering, redness, or swelling.**SKIN CONTACT:** May cause irritation. Symptoms may include smarting or burning sensation, and inflammation.**INGESTION:** May cause irritation of mouth and throat, nausea and vomiting.

4. EMERGENCY AND FIRST AID MEASURES

- INGESTION: Get medical attention. Give one or two glasses of water and induce vomiting by touching the back of the throat with finger. If unconscious, do not give anything by mouth.
- SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water. Get medical attention if irritation develops or persists.
- EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.
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5. FIRE-FIGHTING MEASURES AND EXPLOSION HAZARD DATA

- FLASH POINT and METHOD: Not combustible.
- FLAMMABLE LIMITS- Lower: Not applicable. Upper: Not applicable
- AUTOIGNITION TEMPERATURE: Not Applicable
- EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for small fires; alcohol foam, universal foam or water spray for large fires.
- SPECIAL FIRE-FIGHTING PROCEDURES: None required.
- UNUSUAL FIRE and EXPLOSION HAZARDS: None.
- HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce ammonia fumes and oxides of sulfur.
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6. ACCIDENTAL RELEASE MEASURES

- GENERAL: Consult an expert on the disposal of recovered material. Ensure disposal is in compliance with government requirements and ensure conformity of local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.
- SPILL: Dike spill. Absorb with inert material and collect for disposal. Flush area with water. Prevent washings from entering waterways.
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7. HANDLING and STORAGE

- Avoid contact with skin and eyes. Remove contaminated clothing and wash before reuse. Keep containers closed. Minimize exposure when opening or closing container. If container is damaged, dispose of spilled material and transfer to clean, dry labeled container. Store in original container. Keep separate during storage to prevent cross-contamination of other pesticides, fertilizers, food, feed, etc. Store in a cool, dry place away from heat. Keep from freezing. Store between 40 - 104 degrees Fahrenheit (4 - 40 degrees Celsius).

HANDLING and STORAGE (continued)

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

EXPOSURE LIMITS: No published exposure limits are available.

ENGINEERING CONTROLS (VENTILATION): Normal room ventilation.

PERSON PROTECTION:

PROTECTIVE GLOVES: For operations where contact can occur, wear impervious gloves.

EYE PROTECTION: It is a good idea to wear chemical splash goggles or shielded safety glasses. An eye wash facility should be available.

OTHER: For operations where contact can occur, wear clothing such as coveralls, and shoes and socks to limit skin contact.

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE: Yellowish Liquid

ODOR: Slight Ammonia and/or sulfur

DENSITY: 10 lb/gal.

FREEZING POINT: Not applicable

pH: 7.67

BOILING POINT: Not applicable

PERCENT VOLATILE: Not applicable

10. STABILITY and REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Excessive heat

INCOMPATIBILITY: None known

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Thermal decomposition may produce ammonia and oxides of sulfur.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY -

Data available upon request.

12. ECOLOGICAL INFORMATION

Data available upon request.

13. DISPOSAL CONSIDERATIONS

Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of in accordance with local, state and federal regulations.

Also see Section 7.

14. TRANSPORT INFORMATION (not meant to be all inclusive)

GROUND TRANSPORT: Not regulated by U.S. D.O.T.

AIR TRANSPORT (IATA) - Not regulated

15. REGULATORY INFORMATION (not meant to be all inclusive)

FIFRA (Federal Insecticide, Fungicide and Rodenticide Act): EPA Reg. No. 67072-2

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories Acute health

313 Reportable Ingredients: None

STATE: There are no ingredients in the products represented by this MSDS that have identified by the State of California as either carcinogens or reproductive toxicants.

16. OTHER INFORMATION

See label for information on directions for use and application instructions.

REVISION SUMMARY: Revised MSDS, February 1, 1996. New format.

The information in this MSDS is believed to be accurate and represents the best information currently available to us. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.
