



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Identifier: Diamond Star Pellet Mulch with Tackifier & Biostimulant
Manufacturer: Diamond Star Products
W9191 HWY CS
Poynette, WI 53955

Product Identity: Mulch cover for seed or Hydroseeding; Straw mulch weed free alternative
Recommended Use: Hydroseeding and Broadcast Seeding
Telephone: 608-635-4200
Email: info@diamondstarpellets.com

2. HAZARDS IDENTIFICATION

Physical Hazards: No GHS classifications indicated
Health Hazards: No GHS hazards indicated
GHS Signal Word: None
GHS Pictograms: None
OSHA Defined Hazard: Not classified hazardous
Precautionary Statement: None

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Dust can cause dryness in eyes, nose, and throat
Can be slippery when wet
Routes of Entry: Contact to eyes or skin, dust inhalation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	%
Wood cellulose		Proprietary
Cellulose		Proprietary
Anionic polymer	25987-30-8	Proprietary
Surfactant	68439-46-3	Proprietary
Biostimulant		Proprietary

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms develop and persist, call a physician
Skin Contact: Wash with soap and water
Eye Contact: Flush open eyes with plenty of water. If irritation persists, seek medical attention
Ingestion: Rinse mouth, do not induce vomiting. Seek medical attention if not feeling well

5. FIRE FIGHTING MEASURES

Flammability: Combustible; avoid contact fire or hot surfaces
Flash Point: NA
Flash Point Method: NA
Autoignition Temp: 400-500°
Suitable extinguishing method: Water, CO2, Foam, Chemical extinguisher

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: PPE, dust mask in unventilated areas
Slippery when wet
Disposal: Scoop product and dispose in accordance with regulations

7. HANDLING AND STORAGE

Handling Precautions: Work outside or in ventilated area, minimize dust, and clean up accumulated material
Safe logistical practices to be maintained handling pallets and bulk sacks
Storage requirement: Store in a cool, dry space away from any ignition sources

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit: No occupational exposure limits outside or with proper ventilation
No immediate danger to life or health (No established IDLH)
Engineering Controls: None required for outdoor use. Avoid high concentrations of dust indoors with proper ventilation.
Hygiene Measures: Maintain good industrial hygiene. Wash hands after handling
Personal Protective Equipment: Eye Protection - Safety glasses or goggles
Hand Protection - Rubber, Plastic, or industrial work glove
Respiratory Protection - Dust mask recommended. If irritation occurs, use NOISH approved respiratory mask

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green/Blue dyed cellulose pellet
Odor: Minor
Odor Threshold: None
pH: 7.1
Melting Point: Not applicable
Freezing Point: Not applicable
Flash Point: 400-500 F
Autoignition Temp 500 F

10. STABILITY AND REACTIVITY

Reactivity: Not reactive
Chemical Stability: Stable
Hazardous Polymerization: Does not occur
Conditions to Avoid: High heat or open flames
Incompatible Materials: Oxidizers or strong acids
Hazardous Decomposition Products: Fire conditions may produce fumes Nitrogen Oxide, Carbon Monoxide, Carbon Dioxide, Ammonia

11. TOXICOLOGY INFORMATION

Routes of Exposure: Contact to eyes or skin, dust inhalation
Symptoms: Nasal dryness, minor nose or throat irritation, dry skin to sensitive persons
Delayed Effects: Dry skin or eye irritation to sensitive persons
Acute Toxicity: None estimated
Chronic Toxicity: No chronic effects
Irritancy: Dust particles could be a mild irritant
Sensitization: No Information available
Mutagenicity: Not mutagenic
Carcinogenicity: Not carcinogenic
Reproductive Effects: None

12. ECOLOGICAL INFORMATION

Ecotoxicity: >2000 mg/L; 100% Survival 48-hr LC₅₀ Daphnia Magna method 2021; EPA-821-R-02-012
Biodegradation: No information available
Bioaccumulation: No information available
Mobility in Soil: No information available

13. DISPOSAL CONSIDERATIONS

Dispose in compliance with all applicable Federal, State, and local regulations.

14. TRANSPORTATION INFORMATION

NMFC 138720-1 Mulch, Horticultural
Not regulated or classified dangerous, hazardous according to USDOT, IMDG/IMO, ICAO/IATA

15. REGULATORY INFORMATION

Not regulated as a hazardous material

Superfund Amendments and Reauthorization Act of 1986 (SARA)

OSHA Not regulated

SARA 355 Contains no chemicals which are subject

SARA 311/312 Yes (1% CAS# 68439-46-3) eye irritant

TSCA Not regulated; exempt

Clean Air Act Does not contain any substances regulated

Clean Water Act Does not contain any substances regulated

CERCLA Does not contain substances regulated as hazardous substances; not listed under the Comprehensive Environmental and Liability ACT

16. OTHER INFORMATION

HMIS Ratings, Health: 0

NFPA Ratings: Flammability: 1

Physical Hazard: 0

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, and disposal and is not to be considered a warranty or quality specification. No warranty is given, expressed or implied, as to the accuracy or completeness of the information contained herein, and we assume no responsibility in providing the guidance or to the suitability to your circumstance.