



MATERIAL SAFETY DATA SHEET #5024

Page 1 of 3

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DATE ISSUED: 6/27/02
SUPERSEDES:

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO Seed Starter 3

Chemical Family: Mixture

Chemical Name/Synonyms: Cellulose fiber, vegetable gum, and biodegradable green dye

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Cellulose Fiber (from newsprint)	> 83	Not Applicable	None Established
Ground Corn Stalks	15	Not Applicable	None Established
Navizol Green Dye	<1	Not Applicable	None Established
Plantego Gum (ground psyllium seed husks)	1.5	Not Applicable	None Established

*Dust levels: PEL: 15mg/M³ – Total, 5mg/M³ respirable; TLV: 10mg/M³ – total, 5mg/M³ respirable

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eyes, Skin, Inhalation Ingestion

POTENTIAL HEALTH EFFECTS: At high dust concentration, irritation of eyes, skin and mucous membranes may occur

EYE: Contact may cause mild irritation or discomfort

SKIN: Contact may cause mild irritation or discomfort

INHALATION: Overexposure to dusts may cause mucous membrane and upper respiratory irritation

INGESTION: Swallowing may cause mucous membrane and gastrointestinal irritation

MEDICAL CONDITIONS AGGRAVATED: None known

POTENTIAL ENVIRONMENTAL HAZARDS: None known

IV. FIRST AID MEASURES

EYES: Flush with large amounts of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

SKIN: Remove contaminated clothing. Wash area of contact thoroughly with soap and water. Get medical attention if irritation persists.

INHALATION: If symptoms develop, remove person from source of exposure to fresh air. If respiratory symptoms persist, get medical attention.

INGESTION: Get medical attention for substantial ingestions or if symptoms develop.

NOTES TO MEDICAL DOCTOR: Treat symptomatically

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): 370F minimum (Open cup)

Lower Explosion Limits: NA

NFPA/HMIS Rating: Health: 0

EXTINGUISHING MEDIA:

☒

Foam

☐

Alcohol Foam

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Dry Chemical

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Water Spray

☐

Other

☐

CO₂

Auto Ignition Temperature: NA

Upper Explosion Limits: NA

Fire: 1

Reactivity: 0

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: Exposed firefighters should wear personal protective equipment appropriate for protection from the surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS: Incomplete burning can produce carbon monoxide and other harmful products

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled and contaminated, sweep into container for use. If contaminated, coop into containers for disposal.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Store in cool, dry place if possible. Separate from pesticides, fertilizers, seed, feed, foodstuffs, and away from drains, sewers and water sources.

OTHER PRECAUTIONS: Keep out of reach of children. Practice good care and good safety precautions when handling this product.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Adequate ventilation should be available to maintain dust levels below applicable standards. Local exhaust recommended.

PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Safety glasses and dust mask recommended

RESPIRATORY: A NIOSH approved dust respirator should be worn when applicable dust standards are exceeded.

GLOVES: Impervious gloves recommended

PROTECTIVE CLOTHING: Long sleeved shirt, long pants, shoes plus socks

WORK HYGENIC PRACTICES: Practice good care and good safety precautions when handling this product

COMMENTS: Eyewash station recommended where eye contact can occur

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Applicable

MELTING POINT: Not Applicable

VAPOR DENSITY (air = 1): Not Applicable

ODOR: No odor

APPEARANCE: Gray/green granules

pH: 6 – 8

SPECIFIC GRAVITY: Not Applicable

EVAPORATION RATE: Not Applicable

VAPOR PRESSURE: Not Applicable

SOLUBILITY IN WATER: <1%

PERCENT VOLATILE: Not Applicable

BULK DENSITY (lbs./cu ft): 20 – 35

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known

STABILITY: Stable

POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete burning can produce carbon monoxide and other harmful products

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: No data

SKIN EFFECTS: No data

DERMAL LC₅₀: No data

ORAL LD₅₀: No data

INHALATION LC₅₀: No data

SENSITIZATION: No data

ACUTE EFFECTS FROM OVEREXPOSURE: At high dust concentration, irritation of eyes, skin and mucous membranes may occur

CHRONIC EFFECTS FROM OVEREXPOSURE: No data

CARCINOGENICITY:

IARC: Not Listed

NTP: Not Listed

OSHA: Not Listed

OTHER: Not Listed

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: 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 when cleaning equipment or disposing of equipment washwaters.

ECOTOXICOLOGICAL INFORMATION: No Data

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Do not contaminate water, food, or feed by storage and disposal.

Product: Pick up and reuse clean materials. Dispose of waste materials in accordance with applicable federal, state and local regulations.

Container: completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

XIV. TRANSPORTATION INFORMATION:

DOT Transportation: Not Regulated

Proper Shipping Name: Not Applicable

Hazard Class: Not Applicable

U.S. Surface Freight Class: Not Applicable

Reportable Quantity (RQ): Not Applicable

ID NO.: Not Applicable

Marine Pollution #1: Not Applicable

HM 181 Shipping Name: Not Regulated

XV. REGULATORY INFORMATION – UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Y Immediate (Acute Health)

N Delayed (Chronic Health)

N Fire

N Sudden Release of Pressure

N Reactivity

SEC 302: Not Applicable

SEC 304: Not Applicable

SEC 313: Not Applicable

CERCLA RQ: Not Applicable

CAA RQ: Not Applicable

EPA Registration No.: Not Applicable

NOTE: NA=Not Applicable; ND=Not Determined; NE=Not Established

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