



MATERIAL SAFETY DATA SHEET #3015

15885 Sprague Road, Strongsville, OH 44136
Emergency Phone: LESCO: (800) 321-5325
CHEMTREC: (800) 424-9300

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SUPERSEDES: 03/30/00

I. PRODUCT IDENTIFICATION

Product: LESCO Granular Turf Fungicide
Chemical Name/Synonyms: Triadimefon, Bayleton

Chemical Family: Triazole Pesticide

II. PRODUCT INFORMATION: INGREDIENTS

Chemical Name	TLV/TWA	%(by wt.)	CAS#
Triadimefon: 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-2,2,4-triazol-1-yl)-2-butanone	*1.0 mg/m ³	1%	43121-43-3
Inert Ingredients	ND	99%	NA

*Bayer Exposure Limit For Triadimefon Technical.

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	NA	Specific Gravity (water=1):	NA
Melting Point:	78-82° C(active ingredients)	Bulk Density (lbs./cu. ft.):	25-30
Vapor Pressure (mm Hg):	1.5 x 10 ⁻⁸ mm Hg(A.I.)	Evaporation Rate:	NA
Vapor Density (air = 1):	NA	Percent Volatile:	NA
Solubility in Water:	64 ppm @ 20° C(A.I.)	Appearance and Odor:	Free flowing tan-brown granules-sharp, musty odor.
pH:	NA		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method Used):	NA	Auto Ignition Temperature:	ND
Lower Explosion Limits:	ND	Upper Explosion Limits:	ND
NFPA/HMIS RATING:	HEALTH 1	FIRE 1	REACTIVITY 1
Extinguishing Media:	<input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Alcohol Foam <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> CO ₂

Special Fire-Fighting Procedures: Keep out of smoke. Cool exposed containers with water spray. Fight fire from upwind position. Use self-contained breathing equipment. Contain runoff by diking to prevent entry into sewers or waterways. Equipment or materials involved in pesticide fires may become contaminated.

Unusual Fire and Explosion Hazards: During the routine handling of this material, there should be little risk of a dust explosion. However, tests on similar organic materials indicate that an explosive mixture can develop. Therefore, appropriate preventative measures should be taken. If a large dust cloud develops, turn off any devices that may cause a spark and leave the area until the cloud dissipates. Additional information on this subject is available upon request.

V. HEALTH HAZARDS

Primary Route(s) of Entry: Skin, eyes, inhalation, ingestion.

Signs & Symptoms of Exposure

Acute: No specific symptoms of over exposure are known to occur in humans, although slight eye irritation may occur from contact with dust. The active ingredient in this product is slightly toxic orally to animals. Lacrimation, salivation, piloerection and neurobehavioral changes that include a period of hyperactivity/excitability followed later by drowsiness/somnolence were noted in animal studies with acute poisoning.

Chronic: Based on the results of animal studies, no deleterious effects or symptoms would be expected from chronic exposure to the active ingredient in this product during normal use.

Emergency First-Aid Procedures

Eyes: Hold eyelids open and flush with copious amounts of water for 15 minutes. Call a physician if irritation persists.

Dermal: Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

Inhalation: If a person is overcome by excessive exposure to dusts or aerosols of this material, remove to fresh air or uncontaminated area. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention as soon as possible.

Ingestion: If ingestion is suspected, call a physician or poison control center. If medical assistance cannot be given immediately, induce vomiting and get to a hospital. To induce vomiting, administer 1 to 2 glasses of water and stick finger down throat. Repeat until vomitus is clear or if available, administer syrup of ipecac (1/2 oz. or 15 ml). If vomiting does not occur within 10-20 minutes, administer a second dose of ipecac. Do not attempt to give anything by mouth to or induce vomiting in an unconscious or convulsing person.

Notes to Physician: No specific medical conditions are known which may be aggravated by exposure to the active ingredient of this product.

Toxicity Information:

Oral LD₅₀: Acute (rat): >2500 mg/kg

Dermal LD₅₀: Acute(rabbit) >2,000 mg/kg

Inhalation LC₅₀: (rat): 20 mg/l

Eye Irritation: moderate irritant

Skin Irritation: not a sensitizer or irritant

Positive Teratogen or Mutagen Carcinogen(NTP): No Potential Carcinogen (IARC or OSHA): No (triadimefon)

VI. REACTIVITY

Stability: Stable Unstable

Conditions to Avoid: None known.

Incompatibility: Strong oxidizing agents, acids.

Hazardous Decomposition Products: HCl, hydrazines, amines, nitrogen oxides, carbon monoxide.

Hazardous Polymerization: Will not occur Will occur

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

If material is spilled: Sweep, vacuum or shovel material into a container for disposal. Do not allow product to contaminate drains, sewers, streams, ditches or bodies of water. Prevent large quantities from contacting vegetation. Keep animals away from large spills. Scrub contaminated area with soap and water. Rinse with water. Use dry absorbent materials to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Avoid breathing dust and contact with skin.

Waste Disposal Method: Dispose according to Federal EPA procedures as outlined in the Resource Conservation Recovery act (RCRA) and follow state and local guidelines. Be certain that all containers are empty before disposal.

VIII. SPECIAL PROTECTION INFORMATION

Protective Equipment Suggested for Outdoor Application:

Impervious Gloves Dust Mask Respirator(use NIOSH/MSHA approved)

Impervious Boots Clean Clothing Eye Goggles / Safety Glasses

Protective Equipment Suggested for Confined Areas:

Sufficient Ventilation Respirator(use NIOSH/MSHA approved) Dust Mask Splash Goggles/

Eyewash Station Emergency Shower Impervious Apron **Safety Glasses**

IX. STORAGE AND HANDLING

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

Other Precautions: Do not store in extreme heat or moist areas. 30-day average storage should not exceed 100° F.

X. FEDERAL REGULATORY INFORMATION:

SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES

Y Immediate (acute Health)

SEC 302: NA

N Delayed (Chronic) Health

SEC 313: NA

N Fire

SEC 304: NA

N Sudden Release of Pressure

CERCLA RQ: NA

N Reactivity

I.D. NUMBER: NA

CAA RQ: NA

EPA Reg. No.: 10404-58

HM 181 Shipping Name: Not Regulated.

NA = Not Applicable

ND = Not Determined

Preparation and distribution of this Material Safety Data Sheet done by LESCO, Inc., 15885 Sprague Road, Strongsville, OH 44136, pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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