



MATERIAL SAFETY DATA SHEET #4030

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

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SUPERSEDES: 04/03/00

I. PRODUCT IDENTIFICATION

Product: LESCO® Three-Way Ester II Selective Herbicide
Chemical Name/Synonyms: MCPA Ester, Triclopyr, Dicamba
Chemical Family: Mixture

II. PRODUCT INFORMATION: INGREDIENTS

Chemical Name	TLV/TWA	%(by wt.)	CAS#
Isooctyl (2-ethylhexyl) Ester of 2-Methyl-4-Chlorophenoxyacetic Acid	NA		56.14% 26544-20-7
Butoxyethanol Ester of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid	NA		5.00% 57213-69-1
Dicamba (3,6-Dichloro-o-anisic Acid)	NA		3.60% 1918-00-9
Petroleum Distillates and Emulsifiers	NA		35.26% NA

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	ND	Specific Gravity (water = 1):	0.998
Melting Point:	Liquid	Density (lb/gal):	8.31
Vapor Pressure (mm Hg):	ND	Evaporation Rate:	ND
Vapor Density (air = 1):	ND	Percent Volatile:	ND
Solubility in Water:	100% emulsifiable	Appearance and Odor:	Amber liquid; aromatic (solvent) odor.
pH:	ND		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used):	165° F (TCC)	Auto Ignition Temperature:	ND
Lower Explosion Limits:	ND	Upper Explosion Limits:	ND
NFPA/HMIS RATING:	HEALTH 2 FIRE 2	REACTIVITY	1
Extinguishing Media:	[X] Foam [] Alcohol Foam [X] Dry Chemical [X] Water Spray[] Other [X] CO ₂		

Special Fire-Fighting Procedures: Wear NIOSH approved positive pressure, self-contained breathing apparatus. Prevent run-off from entering drains, sewers or bodies of water. Will produce toxic and noxious fumes under extreme fire conditions.

Unusual Fire and Explosion Hazards: When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mist or spray may be flammable at temperatures below the flash point.

V. HEALTH HAZARDS

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

Signs & Symptoms of Exposure

Acute:

Inhalation: This product contains petroleum distillates. Excessive inhalation may cause respiratory irritation, dizziness, weakness, nausea, headache, or possible unconsciousness.

Eyes: May cause transient eye irritation.

Skin: May cause skin irritation. Harmful if absorbed through the skin. Prolonged or repeated dermal exposure may cause effects similar to those caused by ingestion.

Ingestion: Moderate to low oral toxicity. May cause muscle weakness, nausea, vomiting, abdominal pain, fall in blood pressure or myotonia (prolonged muscular spasm) under extreme exposure conditions.

Chronic: Chronic overexposure to Dicamba may cause liver damage or a decrease in body weight. The EPA's Science Advisory Panel has given Dicamba a class D classification (not classifiable as to human carcinogenicity). Animal tests with Dicamba have not shown carcinogenic, teratogenic or other reproductive effects with the exception of slightly reduced fetal body weights and post implantation losses reported at the Maximum Tolerated Dose level. The available evidence on MCPA and triclopyr indicate that they do not pose a carcinogenic or mutagenic risk. Triclopyr is not considered a teratogen, but no conclusions can be drawn about the teratogenic risk of MCPA.

Emergency First-Aid Procedures

Eyes: Hold eyelids open and flush entire eye with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.

Skin: Wash with plenty of soap and water. Get medical attention.

Inhalation: Remove victim to fresh air and apply respiration if indicated.

Ingestion: Call a physician or Poison Control Center. DO NOT induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. If vomiting occurs spontaneously, keep airway clean. Never give anything by mouth to an unconscious person.

Notes to Physician: This product contains petroleum distillates. If large amounts have been ingested, empty the stomach by gastric intubation with the aid of a cuffed endotracheal tube to prevent aspiration and possible chemical pneumonitis.

Toxicity Information:

Oral LD₅₀: 1.231 g/kg (male rats) **Dermal LD₅₀:** 3.969 g/kg (male rabbits); 3.535 g/kg (female rabbits)

Inhalation LC₅₀: no mortality at > 3.59 mg/L, the maximum concentration (rabbits)

Eye Irritation: irritation clearing in 7 days or less (rabbits)

Skin Irritation: moderate irritation (rabbits)

Dermal Sensitization: not a sensitizer (guinea pigs)

Positive Teratogen or Mutagen Carcinogen (NTP): No

Potential Carcinogen (IARC or OSHA): No

VI. REACTIVITY

Stability: [X] Stable [] Unstable

Conditions to Avoid: None determined.

Incompatibility: Strong oxidizers or acids.

Hazardous Decomposition Products: None.
 Hazardous Polymerization: Will not occur

Will occur

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

If material is spilled: When cleaning large spills, wear the recommended safety equipment (see section VIII). Surround spill with impervious material such as dirt to prevent run-off. Absorb product with an inert absorbent such as clay granules or wood shavings. Contain all affected material in a closed, labeled container for proper disposal.

Waste Disposal Method: Dispose according to Federal EPA procedures as outlined in the Resource Conservation Recovery Act (RCRA) and follow state and local guidelines. Triple rinse and puncture containers as required.

VIII. SPECIAL PROTECTION INFORMATION

Protective Equipment Suggested for Outdoor Application:

- | | | |
|-------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Impervious Gloves | <input type="checkbox"/> Dust Mask | <input type="checkbox"/> Respirator (use NIOSH/MSHA approved) |
| <input type="checkbox"/> Impervious Boots | <input checked="" type="checkbox"/> Clean Clothing | <input checked="" type="checkbox"/> Eye Goggles / Safety Glasses |

Protective Equipment Suggested for Confined Areas:

- | | |
|------------------------------------------------------------|--------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Sufficient Ventilation | <input checked="" type="checkbox"/> Respirator (use NIOSH/MSHA approved) |
| <input type="checkbox"/> Dust Mask | <input checked="" type="checkbox"/> Splash Goggles/Safety Glasses |
| <input checked="" type="checkbox"/> Eyewash Station | <input checked="" type="checkbox"/> Emergency Shower |
| | <input type="checkbox"/> Impervious Apron |

IX. STORAGE AND HANDLING

Precautions: Always use original container to store pesticides in a secured warehouse or storage building. Do not store near other pesticides, fertilizers, seed, feed, foodstuffs, and away from drains, sewers, and water sources. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not contaminate water, food, or feed by storage or disposal.

Other Precautions: Keep out of reach of children. Practice good care and good safety precautions when handling this product. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

X. FEDERAL REGULATORY INFORMATION:

SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES

D.O.T. SHIPPING INFORMATION

- | | |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Immediate (acute Health) | PROPER SHIPPING NAME: (only 220 gal or 260 gal or larger containers are regulated) Combustible Liquid, N.O.S. (contains Kerosene) |
| <input checked="" type="checkbox"/> Delayed (Chronic) Health | |
| <input type="checkbox"/> Fire | |
| <input type="checkbox"/> Sudden Release of Pressure | HAZARD CLASS: 3 |
| <input type="checkbox"/> Reactivity | I.D. NUMBER NA1993
HAZMAT NUMBER: 27 |

SEC. 313: This product contains the following substances subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Dimethylamine of Dicamba, CAS #2300-66-5 and Triclopyr triethylammonium salt, CAS #57213-69-1.

CERCLA RQ=1,000 lb Dicamba or 3,333 gal of this product. For releases greater than the RQ, contact the National Response Center at 800-424-8802.

EPA Reg. No. 228-317-10404

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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For further information, contact: LESCO, Inc., • 15885 Sprague Road • Strongsville, OH 44136-1799 or (800) 321-5325.

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