



MATERIAL SAFETY DATA SHEET #4026

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DATE ISSUED: 11/28/00
SUPERSEDES: 04/03/00

I. PRODUCT IDENTIFICATION

Product: LESCO Eliminate Liquid Selective Herbicide **Chemical Family:** Mixture
Chemical Name/Synonyms: MCPA, Dicamba, Triclopyr

II. PRODUCT INFORMATION: INGREDIENTS

Chemical Name	TLV/TWA %(by wt.)	CAS#
Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid	NA	48.99% 2039-46-5
Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid	NA	5.59% 57213-69-1
Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)	NA	4.82% 2300-66-5
Water and Sequestrants	NA	40.60% NA

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	>212° F	Specific Gravity (water = 1):	1.150
Melting Point:	Liquid	Density (lb/gal):	9.58
Vapor Pres. (mm Hg):	Equal to Water	Evaporation Rate:	NA
Vapor Density (air = 1):	NA	Percent Volatile:	NA
Solubility in Water:	100%	Appearance and Odor:	Dark liquid, slight ammonia odor
pH:	7.5 - 8.5		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method Used): None - aqueous solution	Auto Ignition Temperature: NA
Lower Explosion Limits: NA	Upper Explosion Limits: NA
NFPA/HMIS RATING: HEALTH 2 FIRE 1 REACTIVITY 0	
Extinguishing Media: <input type="checkbox"/> Foam <input type="checkbox"/> Alcohol Foam <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> CO ₂	
	<input checked="" type="checkbox"/> Water Spray <input type="checkbox"/> Other

Special Fire-Fighting Procedures: Wear NIOSH approved positive pressure, self-contained breathing apparatus, and acid-resistant protective clothing. Prevent run-off from entering drains, sewers or bodies of water.

Unusual Fire and Explosion Hazards: Will produce toxic and noxious fumes under extreme fire conditions. Drums of product will burst from steam pressure under extreme and prolonged fire conditions.

V. HEALTH HAZARDS

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

Signs & Symptoms of Exposure

Acute:

Inhalation: Avoid inhaling vapors or mists. May irritate the respiratory tract or cause dizziness.

Eyes: Direct and prolonged eye exposure to the concentrated product may cause corneal opacity, irreversible eye damage.

Skin: May cause mild skin irritation or dermal sensitization reactions in some individuals. Harmful if absorbed through skin. Prolonged or repeated overexposure may result in effects similar to those caused by ingestion.

Ingestions: 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 at once.

Skin: Wash affected area with soap and water. If irritation persists, get medical attention.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration preferably by mouth to mouth. Get medical attention.

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. Do not give anything by mouth to an unconscious person.

Notes to Physician: Probable mucosal damage may contraindicate gastric lavage. If large amounts of product were ingested, the stomach should be emptied by gastric intubation.

Toxicity Information:

Oral LD₅₀: 500 - 5000 mg/kg (rat)

Dermal LD₅₀: 2000 - 5000 mg/kg (rabbit)

Inhalation LC₅₀: no mortality at >2.2 mg/L, maximum obtainable concentration (rabbit)

Eye Irritation: corrosive, irreversible eye damage (rabbit)

Skin Irritation: slight irritant (rabbit)

Dermal Sensitization: not a sensitizer (guinea pig)

LESCO® ELIMINATE™ LIQUID SELECTIVE HERBICIDE, MSDS #4026

Positive Teratogen or Mutagen Carcinogen(NTP): No

Potential Carcinogen (IARC or OSHA): No

VI. REACTIVITY

Stability: Stable Unstable

Conditions to Avoid: Avoid heat conditions.

Incompatibility: Strong acids or oxidizers.

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 recommended safety equipment (see section VII). 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:

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/Safety Glasses

Eyewash Station Emergency Shower Impervious Apron

IX. STORAGE AND HANDLING

Precautions: Always store product in original container in a secured warehouse or storage building. 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: Keep out of reach of children. Practice good care and good safety precautions when handling this product. Avoid contact with eyes, skin and clothing. Store in temperatures above 32°F (0°C). If allowed to freeze, remix before using. Freezing does not alter this product. Containers should be opened in a well-ventilated area. Wash thoroughly with soap and water after handling.

X. FEDERAL REGULATORY INFORMATION:

SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES

Immediate (acute Health) **PROPER SHIPPING NAME:** Compound, Weed Killing,

Delayed (Chronic) Health Liquid, Not DOT regulated

Fire

Sudden Release of Pressure

Reactivity

D.O.T. SHIPPING INFORMATION

HAZARD CLASS: NA

I.D. NUMBER NA HAZMAT NUMBER: NA

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 2,631 gal of Eliminate Liquid. For releases greater than the RQ, contact the National Response Center at 800-424-8802.

EPA Reg. No. 228-313-10404

NA = Not Applicable

ND = Not Determined

Preparation and distribution of this Material Safety Data Sheet done by LESCO, Inc., 15885 Sprague Road, Strongsville, Ohio 44136-1799, pursuant to the OSHA Hazard Communication Standard (29 CFR §1910.1200).

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