

TRIMEC[®] LAWN WEED KILLER
LAWN WEED KILLER WITH TRIMEC[®]
MATERIAL SAFETY DATA SHEET

Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.
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I. NOMENCLATURE

Product Name: TRIMEC[®] LAWN WEED KILLER EPA Reg. No.2217-570-829
 Product Name: LAWN WEED KILLER WITH TRIMEC EPA Reg. No.2217-570-829
 Chemical Name: Mixture.
 Dimethylamine salt of (MCP) 2-(2-methyl-4-chlorophenoxy propionic acid
 Dimethylamine salt of 2,4-dichlorophenoxy acetic acid.
 Dimethylamine salt of dicamba (3,6-dichloro-O-anisic acid)
 Synonyms: mixture of 2,4-D, MCP, Dicamba
 Chemical Families: Chlorinated phenoxy and benzoic herbicides

II. Hazardous Components

			SUB				
			NTP IARC PART Z	OSHA PEL	ACGIH TLV		
Dimethylamine salt of MCP (acid equivalent)	8.76%	CAS #93-65-2.	N N N	NI	NI		
Dimethylamine salt of dicamba (acid equivalent)	1.08%	CAS #.1918-00-9	N N N	NI	NI		
Dimethylamine salt of 2,4-D(acid equivalent)	2.53%	CAS # 94-75-7	N N Y	10 mg/m ³	10 mg/m ³		
Dimethylamine combined as salts	2.80%	CAS # 124-40-3	N N N	10 ppm	5 ppm		

All the above covered by SARA 313

Recommended hazard summary as defined by 29 CFR 1910.1200. Immediate and delayed health hazard

III. PHYSICAL PROPERTIES

Boiling Point: 212°F	Specific Gravity: (H ₂ O=1) 1.08	Vapor Pressure (mmHg): NI
Percent Volatile (by volume): Approx. 80%	Vapor Density (air=1): NI	Evaporation Rate: NI
Solubility In Water: Soluble	pH: slightly alkaline	Appearance/Odor: Clear brown liquid, Phenolic odor

IV. FIRE AND EXPLOSION DATA

Flash Point: None to boiling Flammable Limits: Lel: NI UEL: NI (Water base)

Extinguishing Media: Foam, CO₂, Water spray.

Special Fire Fighting Procedures: Personnel should remain upwind. Firemen should wear self contained breathing apparatus) and full protective clothing. Use water spray to cool containers.

Unusual Fire Hazards: Burning product may produce irritating or poisonous gasses. Use water spray to minimize spread of contamination. Run off may cause pollution. If surface water is contaminated, contact local authorities.

V. FIRST AID

EYE EXPOSURE: Flush eyes for 15 minutes with clean water. Remove contacts if worn. Lifting upper and lower lids occasionally, while flushing. Get immediate medical attention.

SKIN EXPOSURE: Remove contaminated clothing and wash all exposed skin surfaces thoroughly with soap and water. If irritation develops, see a physician.

If SWALLOWED: Get immediate medical attention.

INHALATION: Remove to fresh air if effects occur. See a physician

VI. HEALTH HAZARDS: Routes of Entry: Contact, Inhalation, Ingestion

ACUTE & CHRONIC

EYES: Corrosive. May cause corneal injury

SKIN: May cause moderate to severe dermal irritation May cause burns. Dermal LD₅₀ > 2000 mg/kg

INHALATION: May cause moderate respiratory irritation, burning.

INGESTION: May irritate and/or damage gastrointestinal systems. Oral LD₅₀ (rat) >1500 mg/kg.

CHRONIC: Repeated and prolonged overexposure may cause chronic irritation of respiratory tract. Overexposure may cause adverse effects to liver, kidneys, skin, muscular, and gastronomic systems.

SIGNS AND SYMPTOMS OF EXPOSURE: Burning sensation; coughing.

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VII. REACTIVITY

STABILITY: Stable under normal storage conditions.

MATERIALS TO AVOID: Acidic materials may ruin product. N-Nitrosamines may be formed if product comes in contact with nitrous acid, nitrites, or high levels of nitrogen oxides in the air.

HAZARDOUS DECOMPOSITION PRODUCTS: Under fire conditions, may evolve hydrogen chloride, organochlorides, oxides of nitrogen, carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

VIII. SPILL OR LEAK PROTECTION

If material is released or spilled: Do not touch spilled material without protective clothing (see section IX) Dike and absorb spill and wash waters with absorbent material. Shovel into appropriate, labeled container for disposal.

Waste Disposal: Pesticide residue that can not be used according to label instructions should be disposed of according to local, State and Federal regulations.

IX SPECIAL PROTECTION

Respiratory: Type/Conditions: Avoid breathing vapors or spray mist. If exposure guidelines are exceeded wear a respirator with NIOSH/MSHA approval No. TC-21C or an organic cartridge respirator No. TC-23C.

Ventilation: Product is intended for use outdoors .In confined areas, use mechanical ventilation sufficient to control vapors or mists.

Protective clothing: Clean, long sleeved shirt, long pants, chemical resistant gloves and shoes, goggles or safety glasses with side shields

X. SPECIAL PRECAUTIONS

Handling Precautions: Avoid personal contact with product. Wash thoroughly after use. Do not wear contaminated clothing. Do not damage containers while handling.

Storing Precautions: Store in original containers. Do not place leaking or damaged containers into storage. Store in cool, dry, well ventilated area. Store above 35°F Do not store with food, feed, fertilizers, insecticides or fungicides.

Other Precautions: KEEP OUT OF REACH OF CHILDREN

Pesticide wastes are toxic. Do not contaminate water supplies with rinseate from equipment cleaning , spill clean up, or by direct application. Do not apply this product when it may drift from the target area. Do not allow spray or spray drift to contact unprotected people.

XI. TRANSPORTATION

DOT : Packing sizes of less than 55 gal not regulated for domestic shipment

Shipping description Herbicides NOI liquid NMFC 50320

NOTE: NI means not indicated

This information relates solely to the designated product and is not inclusive for combinations with other materials. This information is given without warranty or representation. Information is based on data we believe to be correct as of the date hereof. This information is furnished solely for your consideration, investigation, and verification. Before using any product READ THE LABEL.

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