

RIVERDALE TRIPLET SF SELECTIVE HERBICIDE

Material Safety Data Sheet #312
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)

Form Approved
OMB No. 1218-0072

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

MANUFACTURER

RIVERDALE CHEMICAL COMPANY
425 West 194th Street
Glenwood, Illinois 60425
Emergency Telephone Number: 1-800-424-9300
CHEMTREC
Telephone Number for Information: 1-800-345-3330

Date Prepared: October 4, 1996

Signature of Preparer (optional): Riverdale Chemical Company

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACOSH TLV	Other Limits Recommended	% (optional)
Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid CAS No. 2008-39-1	10 Mppm ³ (for 2,4-D Acid)	NA		30.56%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid CAS No. of Acid: 93-65-2	NA	NA		16.34%
Dimethylamine Salt of Dicamba (3,6-Dichloro- <i>o</i> -anisic Acid) CAS No. 2300-66-5	NA	NA		2.77%
Water and Sequestering Agents				50.33%
TOTAL				100.00%

Under SARA Title III Sections 311/312 this product is classified as: An immediate health hazard; A delayed health hazard.

Section III—Physical/Chemical Characteristics

Boiling Point: Above 212°F.
Vapor Pressure (mm Hg): Equivalent to water.
Vapor Density (AIR = 1): NA
Specific Gravity (H₂O = 1): 1.147
Melting Point: NA
Evaporation Rate (Butyl Acetate = 1): NA
Solubility in Water: 100% soluble and dilutable with water.
Appearance and Odor: Dark liquid, slight ammonia odor.

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used): Aqueous solution, does not flash.
Flammable Limits:
LEL: ND
UEL: ND
Extinguishing Media: Dry chemical, CO₂, or foam.
Water spray to cool.

Special Fire Fighting Procedures: Product will produce toxic and noxious fumes under extreme fire conditions. Use self-contained breathing equipment in confined areas and in smoke or fumes.

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

Section V—Reactivity Data

Stability

Unstable:

Stable:

Conditions to Avoid: None.

Incompatibility (Materials to Avoid): Strong oxidizers.

Hazardous Decomposition or Byproducts: Noxious fumes containing HCL under extreme fire conditions.

Hazardous Polymerization:

May Occur:

Will Not Occur:

Conditions to Avoid: None.

Section VI—Health Hazard Data

Route(s) of Entry:

Inhalation? Low hazard.

Skin? Low hazard.

Ingestion? Harmful if swallowed.

Health Hazards (Acute and Chronic)

EYES: Corrosive, may cause irreversible eye damage upon direct contact with concentrate.

SWALLOWED: Harmful if swallowed or inhaled.

SKIN: Avoid contact with skin.

Carcinogenicity:

NTP? Not a carcinogen.

IARC Monographs? No.

OSHA Regulated? Yes (as 2,4-D Acid).

Signs and Symptoms of Exposure: This product is corrosive to eyes upon direct contact with the concentrate. It is considered a minimal skin irritant and is not a dermal sensitizer.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures:

Flush eyes with water for 15 minutes, get medical attention at once. If swallowed drink a large quantity of milk, egg whites, gelatin solution, or water. Get medical attention immediately.

Section VII—Precautions For Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Contain all spills. Absorb and pick up material with granules or sand. Remove as much as possible. Place in a closed, well-marked container and store in a secured building for proper disposal.

Waste Disposal Method: If wastes cannot be disposed of by use according to label, contact your State Pesticide or Environmental Control Agency or nearest EPA Region Office for guidance.

Precautions to Be Taken in Handling and Storing: Store in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides, or fungicides. Store at temperatures above 32°F. If allowed to freeze, remix before using.

Other Precautions: It is a violation of Federal law to use this product in a manner inconsistent with its label. Always follow label directions.

Section VIII—Control Measures

Respiratory Protection (Specify Type): None normally required. Use NIOSH-approved respirator when mists are present.

Ventilation

Local Exhaust: Reduce all mists.

Mechanical (General): None specified.

Special: NA

Other: NA

Protective Gloves: Rubber chemical gloves.

Eye Protection: Face shield or chemical splash goggles.

Other Protective Clothing or Equipment: Follow Precautionary Statements on label.

Work/Hygiene Practices: Wash hands and exposed skin with soap and water. Launder exposed clothing prior to reuse.