

**RIVERDALE MANOR SELECTIVE HERBICIDE**

MSDS No. 373

## MATERIAL SAFETY DATA SHEET

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Product Name:** Riverdale Manor Selective Herbicide**Synonyms:** None**Company Name:** Riverdale Chemical Company  
425 West 194th Street  
Glenwood, IL 60425-1584

<u>NFPA Hazard Rating</u>		
Health	1	0 Low
Flammability	1	1 Slight
Reactivity	0	2 Moderate
		3 High
		4 Severe

**Phone Numbers:** **For Chemical Emergency, Spill, Leak, Fire, Exposure, Or Accident, Call CHEMTREC Day or Night: 1-800-424-9300.**  
For additional non-emergency information, call: 1-800-345-3330**Date:** May 11, 2000**Revisions:** #1**Reasons for Revisions:** Revised Acute Hazards & NFPA Hazard Rating**Supersedes:** January 3, 2000**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>MATERIAL</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Metsulfuron Methyl, Methyl 2-[[[(4-methoxy-methyl-1,3,5-triazin-2-yl)-amino]carbonyl]amino]sulfonyl]benzoate	74223-64-6	None Established	None Established

Physical Properties

**Form:** Granules  
**Color:** Off -White  
**Odor:** None  
**Melting Point;** N/A  
**Boiling Point:** N/A  
**Solubility in H<sub>2</sub>O:** Dispersible  
**Specific Gravity:** (H<sub>2</sub>O=1) 1.47 @ 25° C  
**Bulk Density (Loose):** 33.9 lb./cu.ft.  
**Vapor Pressure:** N/A  
**Evaporation Rate:** N/A

**3. HAZARDS IDENTIFICATION**Summary of Risks:

CAUTION, may irritate eyes, nose, throat and skin. Avoid breathing vapors or mist. Avoid breathing dust. Avoid contact with eyes, skin, clothing. Wash thoroughly after handling. Wash clothing after use.

Primary Entry Route(s):                    Ingestion

Acute Hazards:    Oral LD50 (rat): > 5000mg/kg – very low toxicity by ingestion. Dermal LD50 (rabbit): >2000 mg/kg-primary skin irritant, not a sensitizer. Inhalation LC50 (Rats), 4 hr.: >5.3 mg/L. Eye irritation (rabbit): mild to moderate corneal irritation in unwashed eyes and mild conjunctival irritation in washed eyes. All effects reversed within 7 days.

Medical conditions which may be aggravated by contact:                    None known.

Ingredients Listed as a Carcinogen:	IARC Monographs	No
	NTP:	No
	OSHA:	No

#### 4. FIRST AID MEASURES

Eyes:	Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists.
Skin:	Wash thoroughly. If irritation persists, get medical attention.
Inhalation:	Remove to fresh air. Treat symptomatically. Call a physician.
Ingestion:	No specific intervention is indicated as the compound is not likely to be hazardous by ingestion. However, consult a physician if necessary.

#### 5. FIRE FIGHTING MEASURES

##### Fire and Explosion

Flash Point (Test Method)	Non Flammable
Flammable Limits (% in Air)	LEL = 0.356 g/l; UEL = N/A
Auto Ignition Temperature	N/A

##### Reactivity

Stability:	Stable
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Fire conditions.
Hazardous Decomposition Products:	None known.
Chemical Incompatibilities:	None known.

<u>Unusual Fire, Explosion and Reactivity Hazards:</u>	Not a fire and explosion hazard. If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase contamination hazard.
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<u>In Case of Fire:</u>	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Use water spray. Cool tank/container with water spray.
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Extinguishing Media:	Water spray, chemical foam, dry chemical, CO <sub>2</sub> . Contain all runoff.
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#### 6. HANDLING AND STORAGE

Precautions to be taken in handling and storage: Read label for storage and disposal instructions. Store below 140°C. Store in well ventilated area. Keep container tightly closed. Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material. Do not store with other pesticides, fertilizer, food or feed. Aquatic Toxicity: LC50: > 150 ppnt for Rainbow Trout. Keep out of reach of children.

In case of spills: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate personal protective equipment during clean up. Dike spill. Prevent liquid from entering sewers, waterways, or low areas. Shovel or sweep up. If spill area is on ground near valuable plants or trees, remove top 2 inches of soil after initial cleanup.

Waste management/disposal: Treatment, storage, transportation and disposal must be in accordance with applicable federal, state, and local regulations. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Do not flush to surface water or sanitary sewer system. Triple rinse (or equivalent) the container, then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, if allowed.

## 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## 8. REGULATORY INFORMATION

DOT Classification: Not classified as hazardous material.