

REG. NO.: 773-0  
PRODUCT NAME: Trinec 959 Broadleaf Herbicide

SECTION V - REACTIVITY DATA

Stability: Stable.

Incompatibility (Materials to Avoid): Do not mix with acidic materials; may ruin product.

Hazardous Decomposition or Byproducts: Noxious fumes under fire conditions. May produce HCl, organochlorides, nitrogen oxides, carbon monoxide.

Hazardous Polymerization: Will not occur.

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Primary exposure is by contact or inhalation.

Health Hazards (Acute and Chronic):  
Skin: Moderately Irritating.

Eyes: Irritating and corrosive; may cause burns to the eyes.

Inhalation: Prolonged inhalation may cause dizziness, burning in the chest, or coughing.

Ingestion: Irritating to gastrointestinal tract.

Chronic Effects: Repeated overexposure may affect the skin, liver, kidneys and muscular system.

Signs and Symptoms of Exposure:  
Irritation, burning in chest, coughing.

Other Health Hazards: NI

Conditions Generally Aggravated by Exposure:  
Existing conditions such as asthma or skin lesions may be aggravated by this product.

Emergency and First Aid Procedures:  
Eyes: Flush eyes with copious amounts of clean water for 10-15 minutes. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Bathe and shampoo with soap and water to remove chemical from skin and hair. Individuals with skin lesions, skin disease or sensitivity should avoid contact.

Inhalation: Remove victim to fresh air. Apply artificial respiration if needed. If irritation persists, seek medical attention. A two-day removal from exposure is recommended.

Other Health Hazards: NI

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Do not touch spilled product. Wear chemical resistant gloves and shoes, protective clothing, goggles or glasses. For large spill or if overexposure is possible, wear a NIOSH/MSHA respirator for dusts and mists. TC-21C. Contain and collect spill with absorbent material. Place into drums; cover and mark drums for disposal. Flush area with water if possible.

Waste Disposal Method: Dispose of drum, wash water and waste material according to Federal, State and Local regulations. Contact your state pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office for assistance.

Precautions to be Taken in Handling and Storage:  
Store in original container in a locked storage not accessible to children and pets. Keep from freezing. To avoid cross-contamination, do not store near other pesticides, fertilizers or seeds.

Other Precautions:  
Empty container may be triple-rinsed and offered for recycling.

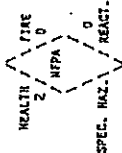
MATERIAL SAFETY DATA SHEET

REG. NO.: 773-0  
REG. NO.: 773-0  
PRODUCT NAME: Trinec 959 Broadleaf Herbicide  
CAS NUMBER: 0  
CHEMICAL NAME: Phenoxypyrazolone

Revision No. 1

SECTION I

Manufacturer: PBI/Gordon Corporation  
Address: 1217 West 12th Street  
Kansas City, MO 64101  
Emergency Telephone Number: (800)424-9300  
Information Telephone Number: (816)421-4070  
Date Prepared: 03/15/93



SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CAS NUMBER	HAZARDOUS COMPONENT	CONC.	REG. NO.	OSHA PEL	AGEIN TLV	OTHER LIMITS
96-74-6	2-ethyl-4-chlorophenoxyacetic acid (MCPA)	N	N	N	NI	NI
93-65-2	2-(2-methyl-4-chlorophenoxy)propionic acid	N	N	N	NI	NI
1918-00-9	2-(2-chlorophenoxy)propionic acid	N	N	N	NI	NI
126-40-3	0-methylamine	N	N	N	5 ppm	NI

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	212 F	Specific Gravity (20 = 1)	1.14073
Vapor Pressure (mm Hg.)	<17 @ 20 C	Melting Point	NI
Vapor Density (Air = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	NI
Solubility in Water:	Infinitely soluble		
Appearance and Odor:	Brown liquid; odourless.		

Other Information: Percent Volatile by Volume: 39

PH: 7.5-8.5

Freezing Point: <35 F

Viscosity: 7.5 CP @ 100 F

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None to boiling.  
Extinguishing Media: foam, CO2, Dry Chemical, Water.

Special Fire Fighting Procedures: Wear positive pressure breathing apparatus and full protective clothing.

Initial Fire and Explosion Hazards:  
Run off from fire control area or dilution water may cause pollution. Keep from ground water sources. If contamination occurs, call local authorities.

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SECTION VIII - CONTROL MEASURES

VENTILATION REQUIREMENTS: Good local or mechanical ventilation of the workplace is required.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Where exposure limits may be exceeded, wear a NIOSH/MSHA respirator for dusts and mists, TC-21C.

PROTECTIVE CLOTHING: Long sleeves; long pants; protective clothing. Chemical-resistant gloves and shoes.

EYE PROTECTION: Safety glasses or goggles.

SECTION IX - ADDITIONAL INFORMATION

ADDITIONAL MANUFACTURER WARNINGS:

OSHA Status: Exempt.

Redmond Hazard Summary (Defined by 29 CFR 1910.1200):  
Immediate and delayed health hazard.

NOTES: NI needs not indicated.

OTHER PRECAUTIONS AND COMMENTS:

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety of health of employees.

\*\*\* END MSDS \*\*\*