

**1. IDENTIFICATION**

Product name: **TRICLOPYR 3SL**  
 Chemical name of active ingredient(s): Triclopyr: (3,5,6-Trichloro-2-pyridinyl)oxyacetic acid, triethylamine salt  
 Manufacturer/Registrant: Makhteshim Agan of North America, Inc.  
 4515 Falls of Neuse Road, Suite 300  
 Raleigh, NC 27609  
 Phone: 919-256-9300  
 For fire, spill, and/or leak emergencies, contact Infotrac: Phone: 1-800-535-5053  
 For medical emergencies and health and safety inquiries, contact Prosar: Phone: 1-877-250-9291

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS #	%	OSHA/PEL	ACGIH/TLV	OTHER	NTP/IARC/OSHA (Carcinogen)
Triclopyr	57213-69-1	44.4	NE 25 ppm 100 mg/m <sup>3</sup> (TWA)	2 mg/m <sup>3</sup> 1 ppm 4.1 mg/m <sup>3</sup> (TWA)	NE	NA
Containing Triethylamine	121-44-8	16.25			NE	NA
Ethylenediamine tetraacetic acid (EDTA)	60-00-4	2.5	NE	NE	NE	NA
Ethylene glycol	107-21-1	1.0	NE	NE	NE	NA
NE=not established						
NA=not applicable						

**3. HAZARDS IDENTIFICATION****PHYSICAL PROPERTIES**

**Appearance:** Pale purple or pink liquid

**Odor:** Ammonia-like odor

**EMERGENCY OVERVIEW: DANGER-POISON** Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin or swallowed. Do not get in eyes or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**ROUTES OF ENTRY:** Eyes, skin and ingestion.

**SYMPTOMS OF EXPOSURE:**

**Eye:** Corrosive. Causes irreversible eye damage.

**Skin:** Harmful if absorbed through skin. Prolonged or repeated exposure may cause skin irritations, even a burn.

**Ingestion:** Although relatively low toxicity if swallowed, ingestion may cause gastrointestinal irritation or ulceration.

**Inhalation:** Brief exposure (minutes) is not likely to cause adverse effects.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Nitrogen oxides and hydrogen chloride may be formed under fire conditions.

**PHYSICAL AND CHEMICAL HAZARDS:** Combustible. Do not use or store the product near heat or open flame.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** No specific conditions are known which may be aggravated by exposure to this product.

**4. FIRST AID**

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>

<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes</li><li>• Call a poison control center or doctor for further treatment advice</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• DO NOT induce vomiting unless told to do so by a poison control center or doctor.</li><li>• DO NOT give anything by mouth to an unconscious person.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Prosar at 1-877-250-9291 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

## 5. FIRE FIGHTING MEASURES

**FLASHPOINT:** 110°F (43°C) (TCC)

**FLAMMABLE LIMITS (% in air):** Not Applicable.

**AUTOIGNITION TEMPERATURE:** Not Applicable.

**FIRE FIGHTING PROCEDURES:** Use positive-pressure, self-contained breathing apparatus and full protective clothing.

**UNUSUAL FIRE, EXPOSURE AND REACTIVITY HAZARDS:** Toxic, irritating vapors may be formed or given off if product is involved in fire.

**SUITABLE EXTINGUISHING MEDIA:** Alcohol foam and CO<sub>2</sub>.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Nitrogen oxides and hydrogen chloride may be formed under fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO TAKE FOR SPILLS/LEAKS:** Clean up spills immediately. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. **Small Spill:** Absorb small spills with sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal. **Large Spill:** Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify, and scrape up for disposal. Pick up wash liquid with additional absorbent and place in a disposable container. After removal, flush contaminated area thoroughly with water. This material should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

## 7. HANDLING AND STORAGE

Do not contaminate water, food or feed by storage or disposal.

**PRECAUTIONS TO BE TAKEN IN HANDLING:** Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

**PRECAUTIONS TO BE TAKEN IN STORAGE:** Store above 28°F or agitate before use. Store in original container in a well ventilated, dry place away from heat and sources of ignition.

**STORAGE TEMPERATURE (MIN/MAX):**

Minimum: 28° F

Maximum: Normal ambient temperatures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THE PRODUCT. FOR COMMERCIAL APPLICATION AND ON-FARM APPLICATIONS, CONSULT THE PRODUCT LABEL.**

**Applicators and other handlers who handle this pesticide must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks

- Protective eyewear
- Chemical resistant gloves (> 14 mils) such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber.

**RESPIRATORY PROTECTION:** No special requirements when used as recommended.

**EYE PROTECTION:** Wear protective eyewear (e.g., goggles or full-face shield).

**ENGINEERING CONTROLS:** Local exhaust is adequate when uses as recommended.

**ADDITIONAL PROTECTIVE MEASURES:** 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.

**USER SAFETY RECOMMENDATIONS:**

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.

**EXPOSURE GUIDELINES:** Refer to Section 2.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Pale purple or pink liquid

**ODOR:** Ammonia-like odor

**pH:** 8.1 @ 20°C

**DENSITY:** 1.14g/mL @ 68°F

**FLAMMABILITY(°C):** 110°F (43°C) (TCC)

**10. STABILITY AND REACTIVITY**

**GENERAL:** Stable under normal use and storage conditions. Store above 28°F.

**INCOMPATIBLE MATERIALS:** Avoid sources of ignition if temperature is near or above flash point. Incompatible with any oxidizing agent.

**HAZARDOUS DECOMPOSITION:** Nitrogen oxides and hydrogen chloride may be formed under fire conditions.

**HAZARDOUS POLYMERIZATION:** Material is not known to polymerize.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY/IRRITATION STUDIES:**

Acute Oral LD50 (Rat):	> 1,500 mg/kg
Acute Dermal LD50 (Rabbit):	> 2,000 mg/kg
Acute Inhalation LC50 (Rat):	> 2.5 mg/L
Eye Irritation (Rabbit):	Corrosive
Dermal Irritation (Rabbit):	Slightly irritating.
Dermal Sensitization:	Skin sensitizer

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL HAZARDS:** For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**13. DISPOSAL CONSIDERATIONS**

**END USERS MUST DISPOSE OF ANY PRODUCT AS PER THE LABEL RECOMMENDATIONS.**

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Dispose of product containers, waste containers, and residues according to label instructions and local, state, and federal health and environmental regulations.

#### 14. TRANSPORT INFORMATION

**DOT CLASSIFICATION:**

**Non-bulk packaging:** Not Regulated.

**Bulk packaging (>119 gallons):** NA1993, Combustible liquid, N.O.S. (triethylamine), PG III

**INTERNATIONAL TRANSPORTATION:**

**IMO (vessel):** UN1993, Flammable liquid, N.O.S. (triethylamine), 3, PG III

**IATA (air):** UN1993, Flammable liquid, N.O.S. (triethylamine), 3, PG III

#### 15. REGULATORY INFORMATION

**SARA TITLE III CLASSIFICATION:**

**Section 302/304:** Not applicable

**Section 311/312:** Immediate (Acute) Health Hazard  
Delayed (Chronic) Health Hazard  
Fire Hazard

**Section 313 chemical(s):** Triclopyr (CAS #: 57213-69-1) 44.4%

**CA PROPOSITION 65:** Not applicable.

**CERCLA REPORTABLE QUANTITY (RQ):**

Ethylenediamine tetraacetic acid (EDTA) = 5000 lbs.

Triethylamine = 5000 lbs.

Ethylene glycol = 5000 lbs.

**RCRA CLASSIFICATION:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

**TSCA:** The ingredients of this product are listed on the TSCA inventory or are exempt.

#### 16. OTHER INFORMATION

HAZARD RATINGS:	NFPA	HMIS	0	LEAST
HEALTH:	3	3	1	SLIGHT
FLAMMABILITY:	2	2	2	MODERATE
REACTIVITY:	0	0	3	HIGH
			4	SEVERE

**MSDS DATE:** 12-8-09.

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