



IMAGE® Herbicide Brush and Vine Killer



2030 Powers Ferry Road, Ste. 370  
Atlanta, GA 30339

MATERIAL SAFETY DATA SHEET

CAS NO. Mixture

DATE: Oct. 2, 2008

EMERGENCY TELEPHONE: (800) 265-0761

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PRODUCT IDENTIFICATION      TRADE NAME: IMAGE® Herbicide Brush and Vine Killer  
 GENERIC NAME: Garden herbicide  
 EPA REG NO: 802-594-73342  
 MOLECULAR FORMULA: C<25>H<24>N<4>F<6>

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COMPOSITION/ INGREDIENT INFORMATION	Chemical Name	CAS No.	%	TLV	PEL
	Triclopyr, TEA salt**	57213-69-1	8	2 mg/m3 (skin)	2 mg/m3(skin)
	Triethylamine**	121-44-8	0.5	1 ppm	25 ppm
	Inert Ingredients	mixture	variable	n/a	n/a
	Water	7732-18-5	variable	n/a	n/a

Key: TLV = ACCIH, 8 hr. time weighted average (TWA); PEL = OSHA permissible exposure limit

\*\*Regulated under SARA Title III, Section 313

HAZARDS IDENTIFICATION

**Emergency Overview:**

This product is of moderate toxicity. Primary concern is the potential irritation to the eyes. Triethylamine can be absorbed through the skin. Wash hands and exposed skin with soap and water after using this product.

**HMIS Rating:**

Health: 1      Fire: 0      Reactivity: 0      Personal Protection: B

**Potential Health Effects:**

**Routes of Entry:** Inhalation, skin contact, eye contact, ingestion.

**Inhalation:** Overexposure to mists may cause transitory upper respiratory irritation.

**Skin Contact:** Prolonged or repeated exposure may cause skin irritation.

**Eye Contact:** Do not wear contacts when working with this product. Mists may cause severe irritation with potential corneal injury. Vapors of the amines may cause swelling of the cornea resulting in visual disturbances such as blurred, smoky or halo vision.

**Ingestion:** Ingestion may be harmful and irritation to the G.I. system.

**Medical Conditions Aggravated by Exposure:** May cause upper respiratory irritation, and may aggravate pre-existing respiratory conditions. Repeated skin contact may aggravate skin allergies.

**Carcinogenicity:** Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

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FIRST AID  
MEASURES

**Inhalation:** Move to an area free from risk of further exposure. Treat symptomatically, if required. No adverse effects anticipated by this route of exposure incidental to proper handling.

**Eye Contact:** Flush with copious quantities of clean, clear, lukewarm water at low pressure water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Wash affected areas thoroughly with soap and warm water immediately after use of this product.

**Ingestion:** Call a physician or poison control center immediately. Drink 1 or 2 glasses of water. Do not induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.

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FIREFIGHTING  
MEASURES

NFPA HAZARD RATING

0 Least	0	Flammability
1 Slight	/ \	/ \
2 Moderate	0 0	Health Reactivity
3 High	\ /	\ /
4 Severe	0	Special

**Flash point and Method:** This product is non-flammable.

**Extinguishing Media:** Not required.

**Fire or Explosion Hazards:** This product will not burn.

**Special Firefighting Procedures:** Not applicable.

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ACCIDENTAL  
RELEASE  
MEASURES

**Clean-up Procedures:** Immediately dam or otherwise contain any spills. Use an absorbent material, such as kitty litter, to absorb material. Seal waste in a plastic bag for disposal.

**Personal Precautions:** If misty or vaporous conditions exist, wear a face mask approved for use with dusts and mists such as #M 8511 N-95 or equivalent.

**Environmental Precautions:** Product is an effective and potent herbicide. Do not allow spray mists to drift onto vegetables, flowers, ornamental shrubs and trees, small fruits, fruit trees, or other desirable plants. Keep major spills from entering lakes and waterways.

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HANDLING &  
STORAGE

**Storage Temperature:** Store at temperatures above 28° F. Not affected by extremes of ambient temperature.

**Shelf Life:** Prolonged storage may reduce effectiveness.

**Special Sensitivity:** None.

**Handling and Storage Precautions:** Avoid eye contact and avoid breathing vapors if generated. Good housekeeping is recommended to prevent the contamination of clothing and footwear and the mis-application of this product.

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EXPOSURE CONTROLS/  
PERSONAL  
PROTECTION

**Respiratory Protection:** If atmospheric conditions exceed exposure guidelines, wear a face mask approved for use with dusts and mists, such as 3M 811 N-95 or equivalent.

**Eye Protection:** Use safety glasses if there is potential for exposure to mists or vapors which could cause injury to the eyes.

**Skin Protection:** Gloves and long-sleeved garments are a product precaution against excessive skin contact.

**Engineering Controls:** Good general ventilation should be sufficient for most conditions.

PHYSICAL & CHEMICAL PROPERTIES	<b>Physical Form:</b> Pale pinkish liquid <b>Specific Gravity:</b> n/d <b>pH:</b> n/d <b>% Volatile by Weight (VOC):</b> Nil	<b>Odor:</b> Slight ammonia-like odor <b>Vapor Density:</b> n/d <b>Solubility in Water:</b> Soluble
REACTIVITY	<b>Stability:</b> This is stable material. <b>Hazardous Polymerization:</b> Will not occur. <b>Incompatibilities:</b> None in designed use. <b>Decomposition Products:</b> Nitrogen oxides and hydrogen chloride may be formed under fire conditions.	
TOXICOLOGICAL/ ECOLOGICAL INFORMATION	<b>Ecological Concerns:</b> This product is an effective herbicide that will kill or damage plants, shrubs and trees. Use only as directed and use caution to prevent drifting of vapors to non-targeted plants. This product may be harmful to aquatic plant life.	
DISPOSAL CONSIDERATIONS	<b>Waste Disposal Method:</b> Securely wrap original container in several layers of newspaper and discard in trash. Do not rinse original container and pour waste water into any water system.	
TRANSPORTATION INFORMATION	<b>DOT Shipping Name:</b> Not regulated <b>Technical Shipping Name:</b> None <b>DOT Hazard Class:</b> None <b>DOT Label:</b> None <b>DOT Placard:</b> None <b>UN/NA Number:</b> None	
REGULATORY INFORMATION	<b>OSHA Status:</b> This product is regulated under OSHA <b>EPA Reg. No.:</b> 802-594-73342 <b>TSCA Status:</b> All applicable chemicals are registered under TSCA <b>CERCLA Reportable Quantity:</b> RQ – 5,000 pounds (N,N-Diethylethamine) <b>SARA Title III:</b> Section 302, Extremely Hazardous: n/a Section 311/312 Hazard Categories: n/a Section 313 Toxic Chemicals: Triclopyr, N,N-Diethylethamine <b>RCRA Status:</b> Not regulated under RCRA	

APPENDIX: The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.