

# MATERIAL SAFETY DATA SHEET

Revision Date: 30-Jan-06

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<b>Product Name:</b> <b>Scythe® Herbicide</b>		<b>Contact:</b> Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268
<b>Dow AgroSciences LLC Code:</b> MYX 6121		
<b>EPA Registration No.:</b> 53219-7		
<b>Primary Hazards:</b> Skin and Eye Irritant	<b>Emergency Telephone:</b> 1-800-992-5994	
<b>SECTION 1 - MATERIAL IDENTIFICATION</b>		<b>SECTION 3 FIRE AND EXPLOSION DATA (Cont)</b>
<b>INGREDIENT 1</b>		<b>Special Fire Fighting Procedures:</b> Wear self-contained breathing apparatus when fire fighting in confined area.
Common Name:	Pelargonic Acid	
Chemical Name:	Nonanoic Acid	
Molecular Formula:	C <sub>9</sub> H <sub>18</sub> O <sub>2</sub>	
CAS Number:	112-05-0	
Percent:	57%	<b>Unusual Fire and Explosion Hazards:</b> Foam or Water can cause frothing.
<b>INGREDIENT 2</b>		<b>SECTION 4 - REACTIVITY</b>
Common Name:	Paraffinic petroleum oil	<b>Stability:</b> Stable
Chemical Name:	Non Applicable (mixture)	<b>Hazardous Poly-merization:</b> None likely.
Molecular Formula:	Non Applicable (mixture)	<b>Materials to Avoid:</b> Oxidizing agents.
CAS Number:	64741-88-4	<b>Hazardous Decomposition Products:</b> Decomposition may produce carbon dioxide and carbon monoxide.
Percent:	30%	<b>SECTION 5 - HEALTH HAZARD</b>
<b>INGREDIENT 3</b>		<b>Primary Route of Entry:</b> Dermal, Inhalation.
Common Name:	Emulsifies and other short chain fatty acids	<b>Exposure Limit:</b> TLV: 5 mg/m <sup>3</sup> (Ingredient 2).
Chemical Name:	Trade Secret	<b>Corrosivity:</b> Not Corrosive.
Molecular Formula:	Trade Secret	<b>Skin/Eye Irritation:</b> Moderate skin, severe eye irritant
CAS Number:	Trade Secret	<b>Sensitization:</b> Not a sensitizer.
Percent:	13%	<b>Effects of Overexposure:</b> Prolonged or repeated exposure may be irritating to skin, eyes, and mucous membranes. Highly irritating to eyes.
<b>SECTION 2 - PHYSICAL DATA</b>		<b>Toxicity:</b> None of the components of this product are listed as carcinogenic by NTP, IARC, or OSHA
<b>Boiling Point:</b>	230 - 237°C (atmospheric pressure)	<b>Acute Studies</b>
<b>Melting Point:</b>	12.5°C	<b>Oral LD50 (Rat):</b> > 5000 mg/kg (low toxicity)
<b>Vapor Pressure:</b>	20 mm Hg @ 153°C	<b>Dermal LD50 (Rabbit):</b> > 2000 mg/kg (low toxicity)
<b>Specific Gravity:</b>	0.900	<b>Inhalation LC50 (Rat):</b> > 5.29 mg/L (4 hour) (low toxicity)
<b>Solubility in Water:</b>	Emulsifiable in water	
<b>Appearance:</b>	Colorless to faint yellow liquid	
<b>Odor:</b>	Wax-like odor	
<b>pH:</b>	3.75 (1% solution in distilled water)	
<b>SECTION 3 FIRE AND EXPLOSION DATA</b>		
<b>Flash Point:</b>	>200°F	
<b>Method:</b>	Pensky Martine Closed Cup	
<b>Extinguishing Media:</b>	Use water spray, dry chemical, foam or carbon dioxide.	

SECTION 6 - FIRST AID

## Emergency First Aid Procedures:

- If swallowed: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.
- If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.
- If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.
- Note to Physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

SECTION 7 - SPILL, LEAK AND DISPOSAL PROCEDURES

## Steps To Be Taken In Case Material Is Released Or Spilled:

Do not breath vapor. Do not handle in confined spaces without adequate ventilation. If inadequate use suitable respirator. Avoid contact with skin and eyes.

Contain leaking liquid with sand, earth or other absorbent and place in a clean container for disposal.

## Waste Disposal Method:

Waste, including spills or rinsates, and leftover pesticide that cannot be used according to label instructions must be disposed of according to applicable federal, state, and local procedures.

SECTION 8 - SPECIAL HANDLING

- Clothing: Wear long-sleeved shirt and long pants, and shoes plus socks.
- Respiratory Protection: Ensure good ventilation. Specific respiratory protection should not be necessary.
- Protective Gloves: Wear chemical resistant-gloves such as barrier laminate, nitrile rubber or neoprene rubber.
- Eye Protection: Protective eyewear such as chemical safety goggles should be worn.

Although general guidance has been provided, the degree of protection required in a particular situation depends on factors such as concentration and duration. More detailed advice on protective devices is available from Dow AgroSciences LLC.

SECTION 9 - SPECIAL PRECAUTIONS

## Precautions To Be Taken In Handling And Storing:

- Keep in original container, tightly closed in a safe place.  
Empty container completely and dispose of safely.  
Wash any contamination from skin or eyes immediately.  
Remove any heavily contaminated clothing immediately.  
Wash hands and exposed skin before eating, drinking, or smoking and after working with product.

## Environmental Hazards:

This product may be hazardous to aquatic invertebrates. Do not apply directly to water or areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters.

SECTION 10 - SHIPPING REGULATIONS

DOT Shipping Name:	None
DOT Hazard Class/ I.D. No.:	None
DOT Label(s):	None
Freight Classification:	Compounds, Tree or Weed Killing, Herbicides, N.O.I. NMFC 50320. Class 60

## SARA Title III Hazard Classification:

Immediate (acute) Health:	Yes
Delayed (chronic) Health:	No
Fire:	No
Sudden Release of Pressure:	No
Reactive:	No

## National Fire Protection Association Rating:

Health:	2
Flammability:	1
Reactivity:	0

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Document Code: D03-305-002

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