

# MATERIAL SAFETY DATA SHEET

Revision Date: June 10, 1998

Product Name:

**Scythe® Herbicide**

Contact:

**Mycogen Corporation**  
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1-800-745-7476  
1-800-228-5635

Common Synonyms:

Scythe  
MYX 6121

Mycogen Code

53219 - 7

U.S. EPA Registration Number:

Eye and Skin Irritant

Emergency Telephone:

## SECTION 1 - MATERIAL IDENTIFICATION

### INGREDIENT 1

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%

### INGREDIENT 2

Common Name:

Paraffinic petroleum oil

Chemical Name:

Molecular Formula:

CAS Number

64741-88-4

Percent:

30%

## SECTION 2 - PHYSICAL DATA

Appearance:

Colorless to faint yellow liquid

Odor:

Wax-like odor

Boiling Point:

230 - 237°C (atmospheric pressure)

Melting Point:

12.5°C

Vapor Pressure:

20 mm Hg @ 153°C

Specific Gravity:

0.900

Solubility in Water:

Emulsifiable in water

pH:

3.75 (1% solution in distilled water)

## SECTION 3 FIRE AND EXPLOSION

### DATA

Flash Point:

&gt;200°F (not flammable)

Method:

Pensky Martin closed cup

Extinguishing Media:

Use water spray, dry chemical, foam or carbon dioxide.

Special Fire Fighting

Wear self-contained breathing apparatus when fire fighting in confined area.

Procedures:

Foam or water can cause frothing.

Unusual Fire and Explosion

Hazards:

## SECTION 4 - REACTIVITY

Stability:

Stable

Hazardous Polymerization:

None likely

Materials to Avoid:

Oxidizing agents

Hazardous Decomposition

Decomposition may produce carbon dioxide and carbon monoxide.

## SECTION 5 - HEALTH HAZARD

Primary Route of Entry:

Dermal, Inhalation

Exposure Limit:

TLV: 5 mg/m<sup>3</sup> (Ingredient 2).

Corrosivity:

Not corrosive to metal, rubber or fiberglass. May potentially degrade concrete and loosen paint from painted metal surfaces.

Skin/Eye Irritation:

Moderate skin and eye irritant

Sensitization:

Not tested

Effects of Overexposure:

Prolonged or repeated exposure may be irritating to skin, eyes, and mucous membranes.

Toxicity:

&gt; 2000 mg/kg (low toxicity)

&gt; 5.29 mg/L (4 hour) (low toxicity)

Dermal LD50 (Rabbit)

Moderately Irritating

Inhalation LC50 (Rat)

Severely Irritating

Dermal Irritation (Rat)

Not sensitizing

Eye Irritation (Rabbit)

Skin Sensitization (G. Pig)

Emergency First Aid Procedures:

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 swallowed: Wash with plenty of soap and water. Get medical attention if irritation persists.

If on skin: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.

If in eyes: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

Note to Physician:

**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 absorbant 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 Laminatate, 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 Mycogen.

**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:**

Do not apply directly to water or wetlands. 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: No  
 Delayed (chronic) Health: No  
 Fire: No  
 Sudden Release of Pressure: No  
 Reactive: No

**National Fire Protection Association Rating:**

Health: 1  
 Flammability: 1  
 Reactivity: 0

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