1. CHEMICAL IDENTIFICATION

Product Name: PEAK  
EPA Signal Word: Caution  
Product No.: A-9417 A  
CAS No.: 94125-34-5  
Chemical Name: 1-(4-methoxy-6-methyltriazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)-phenylsulfonyl]-urea  
Chemical Class: Sulfonyl Urea Herbicide

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other</th>
<th>NTP/IARC/OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant</td>
<td>Not Established</td>
<td>Not Established</td>
<td>15 mg/m3 (Total Dust)*</td>
<td>No</td>
</tr>
<tr>
<td>Sodium Sulfite</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>IARC, 3</td>
</tr>
<tr>
<td>Dispersing Agent</td>
<td>15 mg/m3 (Total Dust)</td>
<td>10 mg/m3 (Total Dust)</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Potassium Sulfate</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Surfactant</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Prosurfuron (57%)</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
</tbody>
</table>

* recommended by manufacturer

3. HAZARDS IDENTIFICATION

Symptoms of Acute Exposure
Exposure may result in slight eye irritation.

Hazardous Decomposition Products
None Known

Physical Properties
Appearance: Tan Granules
Odor: Sweet Odor
Unusual Fire, Explosion and Reactivity Hazards
None Known

4. FIRST AID MEASURES

If poisoning is suspected, immediately contact a physician, the nearest hospital, or the nearest Poison Control Center. Tell the person contacted the complete product name, and the type and amount of exposure. Describe any symptoms and follow the...
advice given.

Ingestion: If victim is fully conscious, immediately give a large quantity of water to drink and induce vomiting. Never give anything by mouth to an unconscious person.

Eye Contact: Immediately rinse eyes with a large amount of running water. Hold eye lids apart to rinse the entire surface of the eyes and lids. Do not apply any medicating agents except on the advice of a physician.

Skin Contact: Wash with plenty of soap and water, including hair and under fingernails. Do not apply any medicating agents except on the advice of a physician. Remove contaminated clothing and decontaminate prior to use.

Inhalation: Move victim from contaminated area to fresh air. Apply artificial respiration if necessary.

Notes to Physician

There is no specific antidote if this product is ingested.

If a large amount has been ingested and emesis is inadequate, lavage stomach.

Treat symptomatically.

Medical Condition Likely to be Aggravated by Exposure

None Known

5. FIRE FIGHTING MEASURES

Fire and Explosion

Flash Point (Test Method): Not Applicable
Flammable Limits (% in Air): Lower: %; Upper: % Not Applicable
Autoignition Temperature: 400 °C
Flammability: Not Flammable

Unusual Fire, Explosion and Reactivity Hazards

None Known

In Case of Fire

Use dry chemical, foam, or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak

Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering, and use a particulate filter, NIOSH approved per 42 CFR Part 84. Select N or R or P type as appropriate for the oil characteristics of any other air contaminants present. Filter efficiency may range from 95 - 99.97% as appropriate for the size distribution of dusts present. For small spills, sweep up, keeping dust to a minimum, and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow wash water to contaminate water supplies.

7. HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of the reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

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 APPLICATIONS AND ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

Eye Contact: To avoid eye contact, wear safety glasses with side shields or chemical goggles.
Skin Contact: To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants and a head covering.

Inhalation: To avoid breathing dust, use a particulate filter, NIOSH approved per 42 CFR Part 84. Select N or R or P type as appropriate for the oil characteristics of any other air contaminants present. Filter efficiency may range from 95 - 99.97% as appropriate for the size distribution of dusts present.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Tan Granules</td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet Odor</td>
</tr>
<tr>
<td>Melting Point</td>
<td>155°C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity/Density</td>
<td>0.47 g/cc</td>
</tr>
<tr>
<td>pH</td>
<td>5-6(1% solution in H2O @ 25°C)</td>
</tr>
<tr>
<td>Solubility in H2O</td>
<td>Proslufuron: 29.000 mg/L @ 25°C</td>
</tr>
<tr>
<td></td>
<td>Vapor Pressure: 3.50E-03 mPA @ 25°C</td>
</tr>
<tr>
<td>Melting Point</td>
<td>155°C</td>
</tr>
<tr>
<td>Boiling Point</td>
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<tr>
<td></td>
<td>Vapor Pressure: 3.50E-03 mPA @ 25°C</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None Known</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>None Known</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

Acute Toxicity/Irritation Studies

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Slightly Toxic</td>
</tr>
<tr>
<td></td>
<td>Oral LD50 (Rat): 4,360 mg/kg body weight</td>
</tr>
<tr>
<td>Dermal</td>
<td>Slightly Toxic</td>
</tr>
<tr>
<td></td>
<td>Dermal LD50 (Rabbit): &gt; 2,020 mg/kg body weight</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Practically Non-Toxic</td>
</tr>
<tr>
<td></td>
<td>Inhalation LC50 (Rat): &gt; 5.14 mg/l air - 4 hours</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Minimally Irritating (Rabbit)</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Non-Irritating (Rabbit)</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>Not a Sensitizer (Guinea Pig)</td>
</tr>
</tbody>
</table>

Mutagenic Potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosulfuron</td>
<td>None observed</td>
</tr>
</tbody>
</table>

Reproductive Hazard Potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosulfuron</td>
<td>None observed</td>
</tr>
</tbody>
</table>

Chronic/Subchronic Toxicity Studies

<table>
<thead>
<tr>
<th>Component</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosulfuron</td>
<td>Liver, kidneys, heart, blood, hemapoietic system, mammary gland, uterus and peripheral nervous system effects at high doses.</td>
</tr>
</tbody>
</table>

Carcinogenic Potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosulfuron</td>
<td>None observed</td>
</tr>
</tbody>
</table>

Other Toxicity Information

Not Available

Toxicity of Other Components

Dispersing Agent
Dust may produce a respiratory allergenic response and/or irritation in some individuals. May cause severe eye injury but the damage is reversible.

Potassium Sulfate
Possible nuisance dust effects, sneezing or coughing. Potassium poisoning may occur in rare cases of long exposure or ingestion.

Surfactant
Exposure can result in eye, skin and respiratory tract irritation.

Surfactant
Exposure may cause severe irritation with moderate corneal injury. Excessive exposure by inhalation may cause irritation to upper respiratory tract and lungs.

Surfactant
Exposure may cause severe irritation to eyes. Skin contact will result in moderate irritation. Excessive exposure by inhalation may cause irritation to upper respiratory tract and lungs.

Surfactant
Exposure may cause severe irritation to eyes. Skin contact will result in moderate irritation. Excessive exposure by inhalation may cause irritation to upper respiratory tract and lungs.

Target Organs
Active Ingredients
Prosulfuron : Liver, Kidneys, Heart, Blood, Hemapoietic System, Mammary Glands, Uterus and Nervous System

Inert Ingredients
Dispersing Agent : Not Available
Potassium Sulfate : None Known
Surfactant : Eyes, Skin and Respiratory Tract
Surfactant : Eyes
Surfactant : Eyes
Surfactant : Eyes

12. ECOLOGICAL INFORMATION

Summary of Effects
Prosulfuron:
Nontoxic to birds, fish and invertebrates.

Eco-Acute Toxicity
Prosulfuron:
Rainbow Trout 96-hour LC50 >160 ppm
Bluegill Sunfish 96-hour LC50 >155 ppm
Daphnia magna 48-hour LC50 >120 ppm
Bobwhite Oral LD50 >2,150 mg/kg
Mallard Oral LD50 1,094 mg/kg
Bobwhite 8-day Dietary LC50 >5,000 ppm
Mallard 8-day Dietary LC50 >5,000 ppm

Eco-Chronic Toxicity
Prosulfuron:
Fish (Fathead minnow) Early Life Stage MATC 150 ppm
Invertebrate (Daphnia Magna) Life Cycle MATC 148 ppm
Mallard Reproduction NOEC 28 ppm
Bobwhite Reproduction NOEC 350 ppm

Environmental Fate
Prosulfuron:
No data available for the formulation. The information presented below is for the active ingredient, prosulfuron. A thorough review of environmental information is not possible in this document. For additional information call the toll
13. DISPOSAL CONSIDERATION

Disposal
Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

Characteristic Waste: Not Applicable
Listed Waste: Not Applicable

14. TRANSPORT INFORMATION

DOT Classification:
Not Applicable; No Label or Placard Required

B/L Freight Classification
Compound; Weed Killing (Herbicide), N.O.S.

International Transportation
Not Applicable

15. REGULATORY INFORMATION

SARA Title III Classification
Section 311/312: Acute Health Hazard
Chronic Health Hazard

Section 313 chemical(s): Not Applicable

Proposition 65
Not Applicable

CERCLA Reportable Quantity (RQ)
None

RCRA Classification
Not Applicable

TSCA Status
Exempt from TSCA

16. OTHER INFORMATION

NFPA Hazard Ratings

<table>
<thead>
<tr>
<th>Health:</th>
<th>0</th>
<th>Least</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
<td>Slight</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
<td>Moderate</td>
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<tr>
<td>Acute Health Hazard</td>
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</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>2</td>
<td></td>
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<tr>
<td>High</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Severe</td>
<td>4</td>
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</tr>
</tbody>
</table>

Questions concerning the safe handling of the product should be referred to:

1-800-334-9481

Issued Date: 1/27/1994
Revised Date: 4/8/1999
Supersedes: 8/7/1998

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

RSVP# : SCP-955-763A-00105G

Product Name: PEAK