

**Material Safety Data Sheet**  
**WILDCAT**

MSDS Number: 102000000827  
MSDS Version 1.1  
Revision Date: 12/19/2008

**SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

**Product Name** WILDCAT  
**MSDS Number** 102000000827

**Distributed by:**  
Viterra Inc.  
2635 Victoria Ave.  
Regina, SK S4T 7T9  
Canada

**Manufactured by:**  
Bayer CropScience Inc  
#100 - 3131 - 114th Avenue SE  
Calgary, AB T2Z 3X2  
Canada

For MEDICAL, TRANSPORTATION or other EMERGENCY call: 1-800-334-7577 (24 hours/day)  
For Product Information call: 1-888-283-6847

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average % by Weight</u>
Fenoxaprop-P-ethyl	71283-80-2	10.00
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	

**SECTION 3. HAZARDS IDENTIFICATION**

*NOTE: Please refer to Section 11 for detailed toxicological information.*

**Physical State** liquid  
**Odor** aromatic  
**Appearance** light brown

**SECTION 4. FIRST AID MEASURES**

**Eye** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin** Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

**Ingestion** Do NOT induce vomiting. Rinse mouth, ingest activated charcoal. If symptoms persist, call a physician.

**Inhalation** Move the victim to fresh air and keep at rest. If symptoms persist, call a physician.

**Notes to Physician**  
**Signs and Symptoms** Local:  
Irritation

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Systemic:  
To date no symptoms are known.

**Treatment**

Local treatment: Treat symptomatically.

Systemic treatment: Initial treatment: symptomatic. There is no specific antidote. Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

**SECTION 5. FIRE FIGHTING MEASURES**

**Flash point** approx. 79 °C / 174 °F

**Fire and Explosion Hazards** In the event of fire the following may be released:  
Carbon monoxide (CO)  
Nitrogen oxides (NOx)  
Sulphur oxides  
Hydrogen chloride (HCl)

**Suitable Extinguishing Media** Water spray, Foam, Carbon dioxide (CO2), Dry powder

**Fire Fighting Instructions** Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Do not allow run-off from fire fighting to enter drains or water courses.

In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Use personal protective equipment.

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Collect and transfer the product into a properly labelled and tightly closed container.

**Additional Advice** Information regarding safe handling, see section 7. Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13.

**SECTION 7. HANDLING AND STORAGE**

**Handling Procedures** Keep away from heat and sources of ignition.

**Storing Procedures** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Protect from freezing.

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Keep away from food, drink and animal feedingstuffs.

**Work/Hygienic Procedures**

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

**Min/Max Storage Temperatures**

Recommended minimum transport/storage temperature: 0 °C / 32 °F  
Recommended maximum transport/storage temperature: 40 °C / 104 °F

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**General Protection**

Avoid contact with skin and eyes.

**Eye/Face Protection**

Wear goggles conforming to EN166 (Field of Use 5 or equivalent).

**Hand protection**

Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.

**Body Protection**

Wear standard coverall and type 6 suit.  
Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.  
If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully remove and dispose of as advised by manufacturer.

**Respiratory Protection**

Wear respirator with an organic vapours and gas filter mask (protection factor 10) conforming to EN140 type A or equivalent.  
Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation.  
Always follow respirator manufacturer's instructions regarding wearing and maintenance.

**Exposure Limits**

Fenoxaprop-P-ethyl	71283-80-2	OES BCS*		2.6 mg/m3
2-Methylpropan-1-ol	78-83-1	OEL (QUE)	TWA	50 ppm
		CAD AB OEL	TWA	50 ppm
		CAD BC OEL	TWA	50 ppm
		CAD ON OEL	TWA	50 ppm

\*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	light brown
<b>Physical State</b>	liquid
<b>Odor</b>	aromatic
<b>pH</b>	6.0 - 7.5 (1 %) at 23 °C
<b>Density</b>	approx. 1.03 g/cm <sup>3</sup> at 20 °C
<b>Water solubility</b>	emulsifiable

**SECTION 10. STABILITY AND REACTIVITY**

<b>Hazardous Reactions</b>	Stable under recommended storage conditions.
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**SECTION 11. TOXICOLOGICAL INFORMATION**

<b>Acute Oral Toxicity</b>	rat: LD50: 3,254 mg/kg
<b>Acute Dermal Toxicity</b>	rat: LD50: > 5,000 mg/kg
<b>Acute Inhalation Toxicity</b>	rat: LC50: > 5.45 mg/l Exposure time: 4 h
<b>Skin Irritation</b>	rabbit: Irritating to skin.
<b>Eye Irritation</b>	rabbit: Irritating to eyes.
<b>Sensitization</b>	guinea pig: Non-sensitizing.

**Assessment Carcinogenicity**

**ACGIH**  
None.

**NTP**  
None.

**IARC**  
None.

**OSHA**  
None.

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Toxicity to Fish</b>	Rainbow trout ( <i>Oncorhynchus mykiss</i> ) LC50: 1.9 mg/l
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Exposure time: 96 h

**Toxicity to Aquatic Plants** Selenastrum capricornutum  
EC50: 0.75 mg/l  
Exposure time: 72 h

**Acute Toxicity to Aquatic Invertebrates** Water flea (Daphnia magna)  
EC50: 4.2 mg/l  
Exposure time: 48 h

**Environmental Precautions** Do not allow to get into surface water, drains and ground water. If the product contaminates rivers, lakes or drains inform respective authorities.

**Ecological Information** Information given is based on data obtained from similar substances.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**General Disposal Guidance** Do not dispose of waste into sewer. In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

**Container Disposal** Triple rinse containers. Do not use containers for other products. Rinsed packaging may be acceptable for landfill, otherwise incineration will be required in accordance with local regulations. Not completely emptied packagings should be disposed of as hazardous waste.

**SECTION 14. TRANSPORT INFORMATION**

**SECTION 15. REGULATORY INFORMATION**

**US Federal Regulations**

**TSCA list**

Solvent Naphtha (petroleum), heavy aromatic	64742-94-5
Isotridecanol, ethoxylated	9043-30-5
2-Methylpropan-1-ol	78-83-1

**US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)**

None.

**SARA Title III - Section 302 - Notification and Information**

None.

**SARA Title III - Section 313 - Toxic Chemical Release Reporting**

None.

**US States Regulatory Reporting**

**CA Prop65**

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.



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**US State Right-To-Know Ingredients**

2-Methylpropan-1-ol 78-83-1 CA, CT, IL, MN, PA, RI

**Canadian Regulations**

**Canadian Domestic Substance List**

Solvent Naphtha (petroleum), heavy aromatic 64742-94-5  
Isotridecanol, ethoxylated 9043-30-5  
2-Methylpropan-1-ol 78-83-1  
Tetrapropylene benzene sulfonate, calcium salt 11117-11-6

**Environmental**

**CERCLA**

2-Methylpropan-1-ol 78-83-1 5,000 lbs

**Clean Water Section 307 Priority Pollutants**

None.

**Safe Drinking Water Act Maximum Contaminant Levels**

None.

**SECTION 16. OTHER INFORMATION**

Prepared by the HSE Department of Bayer CropScience Inc. (306)-721-0310.

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