

# MATERIAL SAFETY DATA SHEET

**SLIDER™**

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### FORMULATED FOR:

LOVELAND PRODUCTS, INC.  
P.O. Box 1286 • Greeley, CO 80632-1286

**24-Hour Emergency Phone:** 1-800-424-9300

**Medical Emergencies:** 1-866-944-8565

**U.S. Coast Guard National Response Center:** 1-800-424-8802

**PRODUCT NAME:** SLIDER™  
**CHEMICAL NAME:** Dimethenamid-P: (S)-2-chloro-N-[(1-methyl-2-methoxy) ethyl-N-2(,4-dimethyl-thien-3-yl)-acetamide  
**CHEMICAL FAMILY:** Herbicide  
**EPA REG. NO.:** 34704-1044  
**MSDS Number:** 001044-10-LPI

**MSDS Revisions:** New

**Date of Issue:** 04/15/10

**Supersedes:** New

## 2. HAZARDS IDENTIFICATION SUMMARY

**KEEP OUT OF REACH OF CHILDREN – WARNING** – Causes substantial but temporary eye injury. Harmful if inhaled, swallowed, or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Wear protective eyewear (such as face shield) and chemical-resistant gloves.

This product is dark brown liquid with strong, aromatic odor. Primary routes of entry are Inhalation, eye contact and skin contact.

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Dimethenamid-P	63.90	163515-14-8	none established
Other Ingredients, including Naphthalene	36.10	91-20-3	52 mg/m <sup>3</sup>

## 4. FIRST AID MEASURES

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance; the give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Note to Physician:** Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: **1-866-944-8565**. Have the product container or label with you when calling a poison control center or doctor.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (°F/Test Method):** Not established  
**FLAMMABLE LIMITS (LFL & UFL):** Not established  
**EXTINGUISHING MEDIA:** Use medium appropriate to surrounding fire. Foam, Dry chemical, carbon dioxide, or water spray.  
**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, nitrogen oxide, hydrogen chloride and other toxic fumes may be emitted in a fire situation.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and full protective clothing. Fight fire from upwind.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** If water is used to fight fire, contain runoff, using dikes to prevent contamination of water supplies. Keep containers cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse. Keep the spill out of all sewers and open bodies of water.

**CAUTION:** Prevent spilled material from flowing onto adjacent land, or into municipal sewers and open bodies of water.

**7. HANDLING AND STORAGE**

**HANDLING:** Wash hands after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**STORAGE:** **DO NOT** use or store near heat or open flame. Store in original container in a well ventilated area separately from fertilizer, feed, or foodstuffs and away from other pesticides. Avoid cross-contamination with other pesticides. Groundwater contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**RESPIRATORY PROTECTION:** Not normally required, if mists/vapors exceed acceptable levels, wear a NIOSH approved pesticide respirator for organic vapor and dust/mist.

**EYE PROTECTION:** Chemical goggles or shielded safety glasses.

**SKIN PROTECTION:** Wear protective clothing: long-sleeved shirts and pants, and shoes plus socks. Wear chemical-resistant gloves.

	OSHA PEL 8 hr TWA	ACGIH TLV-TWA
Naphthalene	10 ppm/50 mg/m <sup>3</sup>	10 ppm/50 mg/m <sup>3</sup>

**Personal Protective Equipment (PPE): Applicators and other handlers must wear:** long sleeved shirt and long pants, chemical resistant gloves, such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or Viton® ≥ 14 mils, shoes plus socks, protective eyewear. Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE AND ODOR:</b> Dark brown liquid with strong, aromatic odor.	<b>SOLUBILITY:</b> Emulsifiable
<b>SPECIFIC GRAVITY (Water = 1):</b> 1.23 g/ml	<b>BULK DENSITY:</b> 10.26 lbs/gal.
<b>VAPOR PRESSURE:</b> < 1 mm Hg	<b>BOILING POINT:</b> ~251.6°F
<b>PERCENT VOLATILE (by volume):</b> Not established	<b>EVAPORATION RATE:</b> Not established
Note: These physical data are typical values based on material tested but may vary from sample to sample.	
Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.	

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid all sources of ignition. Avoid extreme temperatures. Avoid prolonged exposure to extreme heat. Avoid electro-static discharge

**INCOMPATIBILITY:** None known

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, nitrogen oxide, hydrogen chloride and other toxic fumes may be emitted in a fire situation.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Oral LD<sub>50</sub> (rat):</b> 695 mg/kg	<b>Acute Dermal LD<sub>50</sub> (rabbit):</b> >2000 mg/kg
<b>Eye Irritation (rabbit):</b> Moderate eye irritant	<b>Skin Irritation (rabbit):</b> Slightly irritating
<b>Inhalation LC<sub>50</sub> (rat):</b> >5.6 mg/L (4 Hr.)	<b>Skin sensitization (guinea pig):</b> Not a sensitizer
<b>Carcinogenic Potential:</b> None listed in OSHA. NTP lists Naphthalene as NTP-R: Reasonably Anticipated To Be A Human Carcinogen. IARC lists Naphthalene as IARC-2B: Possibly Carcinogenic to Humans. ACGIH lists Naphthalene as TLV-A4: Not Classifiable as a Human Carcinogen.	

**12. ECOLOGICAL INFORMATION**

**DO NOT** apply directly to water, areas where surface water is present, or intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

Dimethenamid-P has properties that may result in groundwater contamination. Application in areas where soils are permeable or coarse and groundwater is near the surface could result in groundwater contamination. Dimethenamid-P has properties that may result in surface water contamination via dissolved runoff and runoff erosion. Practices should be followed to minimize the potential for dissolved runoff and/or runoff erosion.

**13. DISPOSAL CONSIDERATIONS**

**PESTICIDE DISPOSAL:** Wastes resulting from this product may be disposed of on-site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal: Nonrefillable Container. DO NOT reuse or refill this container.** Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or, if approved by state and local authorities, puncture and dispose of in a sanitary landfill, or by incineration, or by other approved procedure. **Triple rinse containers small enough to shake (capacity < 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Triple rinse containers too large to shake (capacity > 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures.

Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. **Refillable Container:** Refill this container with pesticide only.

**DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. **Triple rinse as follows:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. **DO NOT** reuse the container for any other purpose. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

**14. TRANSPORT INFORMATION**

**DOT Shipping Description:** NOT REGULATED USDOT.

**U.S. Surface Freight Classification:** COMPOUND, TREE OR WEED KILLING, NOI (NMFC 50320, SUB 2: CLASS 60)

**Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.**

**15. REGULATORY INFORMATION****NFPA & HMIS Hazard Ratings:****NFPA**

2 Health	0 Least
0 Flammability	1 Slight
0 Instability	2 Moderate
	3 High
	4 Severe

**HMIS**

2 Health
0 Flammability
0 Reactivity
H PPE

**SARA Hazard Notification/Reporting****SARA Title III Hazard Category:**

Immediate	<u>Y</u>
Delayed	<u>Y</u>

Fire	<u>N</u>
Reactive	<u>N</u>

Sudden Release of Pressure	<u>N</u>
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**Reportable Quantity (RQ) under U.S. CERCLA:** Naphthalene (CAS: 91-20-3) 100 lbs.

**SARA, Title III, Section 313:** Naphthalene (CAS: 91-20-3)

**RCRA Waste Code:** Not listed

**CA Proposition 65: NOTE:** This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

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## 16. OTHER INFORMATION

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**MSDS STATUS:** New

**PREPARED BY:** Registrations and Regulatory Affairs

**REVIEWED BY:** Environmental/ Regulatory Services

*Slider is a trademark of Loveland Products, Inc.*

*Viton is a registered trademark of DuPont Performance Elastomers*

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