

Revision Date 26-Apr-2006

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product code** DR8361  
**Product name** CRACK-SHOT (BULK)  
**EPA Registration No.** 40208-3  
**Recommended Use** Pest Control  
**Supplier** Drummond American Corporation  
 600 Corporate Woods Parkway  
 Vernon Hills, IL 60061  
 (847) 913-9313  
**Emergency telephone number** (888) 426-4851

**2. HAZARDS IDENTIFICATION**

<b>Emergency Overview</b> Toxic to aquatic organisms.		
<b>Color</b> Milky White	<b>Odor</b> Mild Aromatic	<b>Form</b> Liquid

**Aggravated Medical Conditions** None Known

**Principal Routes of Exposure** Skin.

**Potential health effects**

**Eyes** No hazard under normal industrial and institutional use.  
**Skin** Slight skin irritation.  
**Inhalation** No hazard under normal industrial and institutional use.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Permethrin	52645-53-1	0.1-1
Inert Ingredients	N/A	99.5

**4. FIRST AID MEASURES**

**Eye contact** Flush eyes with plenty of water. Seek medical attention if irritation persists.  
**Skin contact** Wash area thoroughly with soap and water. Seek medical attention if irritation persists.

**Ingestion**

Contact physician or poison control center immediately.

**Inhalation**

Move to fresh air. If not breathing, give artificial respiration. Call a physician.

**5. FIRE FIGHTING MEASURES**

<b>Flash point °C</b>	> 93
<b>Flash point °F</b>	> 200
<b>Method</b>	Tag closed cup
<b>Autoignition temperature °C</b>	No data available
<b>Autoignition temperature °F</b>	No data available
<b>Flammability Limits (% in Air)</b>	
<b>Upper</b>	Not Applicable
<b>Lower</b>	Not Applicable

**Suitable extinguishing media**

Carbon dioxide. Dry chemical. Foam. Water.

**Special protective equipment for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Special Fire-Fighting Procedures**

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

**Sensitivity to shock**

No information available.

**Sensitivity to static discharge**

No information available.

**6. ACCIDENTAL RELEASE MEASURES****Environmental precautions**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up**

Soak up excess with absorbent material. Collect and contain for disposal.

**7. HANDLING AND STORAGE****Handling**

In commercial food handling facilities, cover or remove food and food processing equipment before application. Do not allow children or pets to contact treated areas until surfaces are dry. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Keep out of reach of children.

**Storage**

Store upright. Avoid extreme temperature variations.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure limits**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Inert Ingredients	-	-	-	-
Permethrin	-	-	-	-

**Ventilation and Environmental Controls**

Use in a well ventilated area.

**Hygiene measures**

Wash hands after handling the product.

**Personal protective equipment****Respiratory protection**

None required if adequate ventilation is provided.

**Hand Protection**

Chemical resistant gloves.

**Eye protection**

Safety glasses.

**Skin and body protection**

None necessary under normal conditions

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid	<b>Color</b>	Milky White
<b>Odor</b>	Mild Aromatic	<b>Odor Threshold</b>	No information available
<b>pH</b>	7	<b>Specific Gravity</b>	1.00 @ 20C
<b>Vapor pressure</b>	Not Applicable	<b>Vapor density</b>	Not Applicable
<b>Evaporation Rate</b>	No data available	<b>VOC Content</b>	0 %
<b>Water solubility</b>	No data available	<b>Partition Coefficient (n-octanol/water)</b>	Not Applicable
		<b>Boiling point/range °C</b>	Not Applicable
<b>Boiling point/range °F</b>	Not Applicable	<b>Melting point/range °C</b>	Not Applicable
<b>Melting point/range °F</b>	Not Applicable	<b>Flash point °C</b>	> 93
<b>Flash point °F</b>	> 200		

## 10. STABILITY AND REACTIVITY

**Stability**

Stable.

**Conditions to avoid**

No information available

**Incompatibility**

No information available

**Hazardous Decomposition Products**

No information available

**Polymerization**

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Inert Ingredients</i> N/A	-	-	-
<i>Permethrin</i> 52645-53-1	383 mg/kg	2 g/kg	-

**Synergistic Products**

None known

**Potential health effects****Sensitization**

None known

**Chronic toxicity**

None known

**Mutagenic effects**

None known

**Teratogenic effects**

None known

**Reproductive toxicity**

None known

**Target Organ Effects**

None Known

**Carcinogenic effects**

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Inert Ingredients	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Permethrin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION****Aquatic toxicity**

Very toxic to fish and other water organisms Do not apply directly to water , to areas where surface water is present or to intertidal areas below the mean high water mark Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater

### 13. DISPOSAL CONSIDERATIONS

**Disposal Information**

Dispose in accordance with federal, state, and local regulations.

**Waste from residues / unused products**

Do not contaminate water by disposal. Do not reuse container. Wrap container and place in trash collection.

### 14. TRANSPORT INFORMATION

**DOT**

Not Regulated

**TDG**

Not Regulated

**IMDG/IMO**

Not Regulated

**IATA**

Not Regulated

**MEX**

Not Regulated

### 15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Permethrin	Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Inert Ingredients	Not Listed	Not Listed	Not Listed
Permethrin	Not Listed	Not Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Inert Ingredients	-	-	-	-
Permethrin	X	-	-	-

**CPRC**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

**16. OTHER INFORMATION**

<b>NFPA</b>		<b>HMIS</b>	
<b>Health</b>	1	<b>Health</b>	1
<b>Flammability</b>	1	<b>Flammability</b>	1
<b>Reactivity</b>	0	<b>Physical Hazard</b>	0

**Prepared By**

Michael Katz, Regulatory Affairs Specialist

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.