

# Material Safety Data Sheet



Revision Date 02-Aug-2005

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product code** DR8400  
**Product name** RATCLIFFE  
**EPA Registration No.** 12455-5-40208  
**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

**Emergency Overview**  
No information available

**Color** Light green

**Odor** Sweet

**Form** Solid

**Aggravated Medical Conditions** No information available

**Principal Routes of Exposure** Ingestion.

### Potential health effects

**Eyes** No hazard under normal industrial and institutional use.

**Skin** No hazard under normal industrial and institutional use.

**Inhalation** No hazard under normal industrial and institutional use.

**Ingestion** Nausea. Vomiting. Lethargy. Diarrhea. Bleeding.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Diphacinone	82-66-6	< 0.100

## 4. FIRST AID MEASURES

<b>Eye contact</b>	Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Skin contact</b>	Wash area thoroughly with soap and water.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Contact physician or poison control center immediately.
<b>Inhalation</b>	No information available.

## 5. FIRE FIGHTING MEASURES

<b>Flash point °C</b>	No data available
<b>Flash point °F</b>	No data available
<b>Method</b>	No information available
<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>	No data available
<b>Lower</b>	No data available

**Suitable extinguishing media**  
Water. Foam.

### 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

**Sensitivity to shock**  
No information available.

**Sensitivity to static discharge**  
No information available.

## 6. ACCIDENTAL RELEASE MEASURES

### Methods for cleaning up

Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Handling

Do not expose to direct sunlight. Protect contents from moisture. Do not contaminate waterways by cleaning of equipment. Thoroughly wash hands and exposed skin after handling. Keep out of reach of pets and domestic animals. Keep container closed when not in use.

### Storage

Store at room temperature.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limits**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Diphacinone	-	-	-	-

**Ventilation and Environmental Controls**

Normal ventilation is adequate.

**Hygiene measures**

Wash hands after handling the product.

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

None required.

**Hand protection**

Rubber gloves.

**Eye protection**

None necessary under normal use conditions.

**Skin and body protection**

No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Solid	<b>Color</b>	Light green
<b>Odor</b>	Sweet	<b>Odor Threshold</b>	No information available
<b>pH</b>	No data available	<b>Specific Gravity</b>	No data available
<b>Vapor pressure</b>	No data available	<b>Vapor density</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>Solubility</b>	insoluble
<b>Water solubility</b>	No data available	<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>Boiling point/range °C</b>	No data available	<b>Boiling point/range °F</b>	No data available
<b>Melting point/range °C</b>	No data available	<b>Melting point/range °F</b>	No data available
<b>Flash point °C</b>	No data available	<b>Flash point °F</b>	No data available

## 10. STABILITY AND REACTIVITY

**Stability**

Stable.

**Conditions to avoid**

No information available.

**Materials to avoid**

Alkalis.

**Hazardous decomposition products**

Carbon oxides.

**Polymerization**

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Diphacinone</i> 82-66-6	1.5 mg/kg	-	2 g/m <sup>3</sup>

### **Synergistic Products**

No information available

### **Potential health effects**

#### **Sensitization**

No information available.

#### **Chronic toxicity**

No information available.

#### **Mutagenic effects**

No information available.

#### **Teratogenic effects**

No information available

#### **Reproductive toxicity**

No information available

#### **Target Organ Effects**

No information available

#### **Carcinogenic effects**

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Diphacinone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION

No Information Available

## 13. DISPOSAL CONSIDERATIONS

### **Waste from residues / unused products**

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

## 14. TRANSPORT INFORMATION

### **DOT**

Not Regulated

**TDG**

Not Regulated

**IMDG/IMO**

Not Regulated

**IATA**

Not Regulated

**MEX**

Not Regulated

**15. REGULATORY INFORMATION****State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Diphacinone	Listed	Listed	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Diphacinone	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**

NFPA		HMIS	
Health	1	Health	2
Flammability	0	Flammability	0
Reactivity	0	Physical Hazard	0

**Prepared By**

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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.