



## Material Safety Data Sheet

### Potassium oxalate, 2%

#### Section 1 - Chemical Product and Company Identification

**MSDS Name:**

Potassium oxalate, 2%

**Catalog Numbers:**

LC19840

**Synonyms:****Company Identification:**

LabChem, Inc.  
200 William Pitt Way  
Pittsburgh, PA 15238

**Company Phone Number:**

(412) 826-5230

**Emergency Phone Number:**

(800) 424-9300

**CHEMTREC Phone Number:**

(800) 424-9300

#### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	balance
6487-48-5	Potassium oxalate	2

#### Section 3 - Hazards Identification

##### EMERGENCY OVERVIEW

*Appearance: colorless*

*Warning! May cause eye irritation and possible burns. May cause skin irritation. May cause severe digestive tract irritation with possible burns.*

*Target Organs: none known.*

##### Potential Health Effects

**Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation and possible burns.

**Ingestion:**

Ingestion of soluble oxalates may cause severe internal pain followed by collapse. Oxalates form insoluble calcium oxalate which leads to violent muscular stimulation and convulsions. May cause death within minutes.



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**Inhalation:**

Will cause irritation to nose, throat, mucous membranes, and respiratory tract.

**Chronic:**

No information found. May cause dermatitis and conjunctivitis. Repeated ingestion may lead to accumulation of calcium oxalate. The resulting hypocalcemia produces severe disturbances in the action of cardiac and nervous tissue.

## Section 4 - First Aid Measures

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.

**Skin:**

Get medical aid. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

**Ingestion:**

Get medical aid at once. Precipitate oxalate by giving calcium in any form orally, such as milk, calcium gluconate, calcium lactate. Do not use gastric lavage or emesis if tissue corrosion has occurred.

**Inhalation:**

No specific treatment is necessary since this material is not likely to be hazardous by inhalation. Give artificial respiration if necessary. Get medical aid. Keep victim warm, at rest. Move victim to fresh air.

**Notes to Physician:**

Treat symptomatically and supportively.

## Section 5 - Fire Fighting Measures

**General Information:**

Negligible fire and explosion hazard when exposed to heat or flame.

**Extinguishing Media:**

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

**Autoignition Temperature:**

No information found.

**Flash Point:**

No information found.

**NFPA Rating:**

CAS# 7732-18-5: Not published.

CAS# 6487-48-5: Not published.

**Explosion Limits:**

Lower:      Upper:

## Section 6 - Accidental Release Measures

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Absorb spill using an absorbent, non-combustible material such as earth, sand, diatomaceous earth, vermiculite, or other suitable absorbent.



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### Section 7 - Handling and Storage

**Handling:**

Wash thoroughly after handling.

**Storage:**

Store capped at room temperature.

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

Good general ventilation should be sufficient to control airborne levels.

**Exposure Limits**

Chemical Name:	ACGIH	NIOSH	OSHA
Water	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.
Potassium oxalate	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.

**OSHA Vacated PELs**

### Personal Protective Equipment

**Eyes:**

Wear safety glasses and chemical goggles if splashing is possible. Provide an eye-wash fountain in the immediate work area. Do not wear contact lenses when working with chemicals. Do not wear contact lenses when working with chemicals.

**Skin:**

Wear impervious gloves.

**Clothing:**

Protective coveralls are recommended.

**Respirators:**

Not required for normal use.

### Section 9 - Physical and Chemical Properties

**Physical State:** Clear liquid

**Color:** colorless

**Odor:** odorless

**pH:** No information found.

**Vapor Pressure:** No information found.

**Vapor Density:** No information found.

**Evaporation Rate:** No information found.

**Viscosity:** No information found.

**Boiling Point:** 100°C ( 212.00°F)

**Freezing/Melting Point:** 0°C ( 32.00°F)



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**Decomposition Temperature:** No information found.

**Solubility in water:** Soluble.

**Specific Gravity/Density:** 1.0

**Molecular Formula:** No information found.

**Molecular Weight:** No information found.

## Section 10 - Stability and Reactivity

### Chemical Stability:

Stable under normal temperatures and pressures.

### Conditions to Avoid:

Temperatures above recommended temperatures.

### Incompatibilities with Other Materials

None reported.

### Hazardous Decomposition Products

No information found.

### Hazardous Polymerization

## Section 11 - Toxicological Information

### RTECS:

CAS# 7732-18-5: ZC0110000.

CAS# 6487-48-5 unlisted.

### LD50/LC50:

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg.

CAS# 6487-48-5:

No information found.

### Carcinogenicity:

CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

CAS# 6487-48-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

### Epidemiology:

### Teratogenicity:

### Reproductive:

### Mutagenicity

### Neurotoxicity

## Section 12 - Ecological Information

No information found.



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### Section 13 - Disposal Considerations

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

### Section 14 - Transport Information

#### US DOT

**Shipping Name:** Not regulated.

**Hazard Class:**

**UN Number:**

**Packing Group:**

### Section 15 - Regulatory Information

#### US Federal

##### TSCA

CAS# 7732-18-5 is listed on the TSCA Inventory.

CAS# 6487-48-5 is not listed on the TSCA Inventory. It is for research and development use only.

##### SARA Reportable Quantities (RQ)

None of the components are on this list.

##### CERCLA/SARA Section 313

None of the components are on this list.

##### OSHA - Highly Hazardous

None of the components are on this list.

#### US State

##### State Right to Know

##### California Regulations

#### European/International Regulations

##### Canadian DSL/NDSL

CAS# 7732-18-5 is listed on Canada's DSL List.

##### Canada Ingredient Disclosure List

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

CAS# 6487-48-5 is not listed on Canada's Ingredient Disclosure List.

### Section 16 - Other Information

MSDS Creation Date: November 18, 1998

Revision Date: September 9, 2004



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