



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

POTASSIUM OXALATE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc.	Emergency Number: Chemtrec	800-424-9300
135 Newbury Street		703-527-3887
Framingham, MA 01701	Information Number:	800-238-0001

Revision Date: October 2007

Synonyms: Dipotassium Oxalate; Ethanedioic Acid, Dipotassium Salt

CAS #: 583-52-8
6487-48-5

DOT Hazard Class: Toxic Solids Organic, N.O.S.
(Potassium Oxalate)
UN 2811, Class 6.1, PG III, Toxic

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Potassium Oxalate - 99% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Colorless, odorless, crystals. Contact with skin or eyes may cause irritation.

POTENTIAL HEALTH EFFECTS:

Inhalation: Breathing dusts may cause irritation of the respiratory tract.

Digestion: Substance is harmful if swallowed.

Eyes & Skin: May cause irritation.

LONG TERM HEALTH EFFECTS: None Known

CONDITION AGGRAVATED BY EXPOSURE: None Known.

CARCINOGENICITY: Not Listed under OSHA, IARC or NTP

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Skin: Immediately flush with water for at least 15 minutes. Use soap if available. Remove contaminated clothing, including shoes after flushing has begun. Get prompt medical attention. Thoroughly wash contaminated clothing and shoes or discard in a manner which limits further exposure.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids apart. Get medical attention if irritation or other symptoms occur.

Digestion: Dilute with milk or water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures

Can release toxic vapors. Wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear.

Unusual Fire Explosion Hazard: None Known

Auto Ignition Temperature: Not Applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Sweep or scoop material into a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Use with adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing dust or mist. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials and food products.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: If dusty use NIOSH/MSHA approved respirators

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION cont'd

Potassium Oxalate

AMERICAN INTERNATIONAL CHEMICAL, INC 800 238 0001

Page 2 of 4

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE GUIDELINES: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): 2.13 @ 77 °F

Percent Volatile by Volume (%): Not Applicable

Melting Point: 310 °F

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Solubility in Water: Appreciable

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

INCOMPATIBILITIES: Acids, oxidizers

CONDITIONS TO AVOID: Heat, sparks, flames

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

EMPTY CONTAINERS: Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Toxic Solids Organic, N.O.S.
(Potassium Oxalate)
UN 2811, Class 6.1, PG III, Toxic

SECTION 15 - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):
This product is listed on the TSCA Inventory.

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted
Section 313 Toxic Chemicals: Unlisted
Section 311/312 Hazard Category: Acute Health
New Jersey Environmental Hazard Substance List: Not Listed
California Proposition 65 Ingredients: Not Listed

SECTION 16 - OTHER INFORMATION

HMIS Hazard Ratings:

Health: 2
Fire: 0
Reactivity: 1

NFPA Hazard Ratings

Health: 2
Fire: 0
Reactivity: 1
Specific Hazard: None

Reason for Issue: DOT Status Change

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