



MATERIAL SAFETY DATA SHEET
According to 2001/58/CE

141484 POTASSIUM ACID OXALATE

1. Identification of the product and of the company

1.1 Product identification

Product name: Potassium Bioxalate,

Potassium Hydrogen Oxalate

1.2 Use of the product

Use of laboratory, analysis, research and chemistry

1.3 Identification of the company

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2. Composition/Information of the components

Product name: Potassium Hydrogen Oxalate

Formula: $\text{KH}(\text{COO})_2$ M.=128,13 CAS [127-95-7]

Index number CE (EINECS): 204-873-0

3. Dangers identification

Harmful for ingestion.

4. Emergency and first aid procedures

4.1 General indications

In case of loss of consciousness never provide drink or induce vomiting.

4.2 Inhalation

Move the person to fresh air. If the sickness persists get medical attention.

4.3 Skin contact

Flush skin with plenty of water. Remove contaminated clothing.

4.4 Eye contact

<p>Flush eyes with plenty of water .Get medical attention.</p> <p>4.5 Ingestion Get medical attention.</p>
<p>5. Fire measures</p> <p>5.1 Strengths of attack Adapted to the environment</p> <p>5.2 Strengths of attack that must NOT be in use -----</p> <p>5.3 Special risks Non-flammable</p> <p>5.4 Protection equipments -----</p>
<p>6. Measures accidental release</p> <p>6.1 Individual procedure -----</p> <p>6.2 Procedure for environment protection -----</p> <p>6.3 Methods for collection /cleaning Collect up and deposit in waste containers for later disposal according to regulations. Clean all with plenty of water.</p>
<p>7. Manipulation and storage</p> <p>7.1 Manipulation: No special indications.</p> <p>7.2 Storage Keep container tightly closed. Keep container in a well-ventilated area.</p>
<p>8. Exposure cotrols/Personal protection</p> <p>8.1 Technical measures of protection -----</p> <p>8.2 Limits control of exposure -----</p> <p>8.3 Respiratory protection Use an approved respirator or equivalent</p> <p>8.4 Hands protection Safety gloves</p> <p>8.5 Eyes protection Safety glasses</p> <p>8.6 Particular measures</p>

Remove contaminated clothing. The employees should wash their hands before breaks and after work

8.7 Controls of environment exposure

In accordance with local environmental control regulations.

The supplier of the protection equipment must specify the type of protection to be worn when is handling the product, indicating the type o material, the breakthrough time of the material in relation to the amount and the duration of the exposure.

9. Physical and chemical properties

Appearance:

White solid

Odor

Odorless

Specific gravity (20/4): 2,044

Solubility 25 g/l en agua a 20°C

10. Stability and reactivity

10.1 Conditions to avoid

10.2 Material to avoid

10.3 Hazardous descomposition products

10.4 Adicional information

11. Toxicological information

11.1 Acute toxicity

LD oral for women: 660 mg/kg

11.2 Dangerous effects for the health

Data not available at the present time.

Our dates are insufficient for a correct toxicological assessment. Based on the physic-chemical properties the likely dangerous characteristics are:

Ingestion: nausea, vomiting, harmful.

If dust inhaled: irritation of the mucous membrans, breathing difficulties

Systemic effects: decreased level of blood calcium, kidney problems and cardiovascular disorders.

Take the usual precautions in handling chemicals.

12. Ecological information

12.1 Mobility

12.2 Ecotoxicity

12.2.1 - Test EC₅₀ (mg/l) :

12.2.2 – Receiving environment :

Risks for aquatic environment = ----

Risks for terrestrial environment = ----

12.2.3 - Observations

Ecological data are not available.

12.3 Degradability

12.3.1 - Test :-----

12.3.2 – Biotic degradation classification :

DBO₅/DQO Biodegradability = ----

12.3.3 – Abiotic degradation depending on pH : -----

12.3.4 - Observations :

Biodegradable product

Acumulación :

12.4.1 - Test :

12.4.2 – Bioaccumulation :

Risk = ----

12.4.3 - Observations :

12.5 Other possible effects on the environment

Maintaining the right handling conditions are not expected environmental problems.

13. Disposal considerations

13.1 Product

In the European Union are not homogeneous standards established for elimination of chemical waste, which has the status of special waste, leaving treatment and disposal is subject to the internal regulations of each country.

Therefore, in each case, you should contact the competent authority or those companies legally authorized for waste elimination 2001/573/EC: Council Decision of 23 July 2001 amending Decision 2000/532/EC concerning the list of wastes.

Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

In Spain: Law 10/1998 of 21 April, on Waste. Published in BOE 22/04/98.

ORDER MAM/304/2002 of February 8, which are published from recovery and disposal of waste and European Waste List. Published in BOE 19/02/02.

13.2 Contaminated packing

The packaging contaminated with dangerous substances have the same treatment as the products contained.

Directive 94/62/EC of the European Parliament and the Council of 20 December 1994 on packaging and packaging waste.

In Spain: Law 11/1997 of 24 April, on packaging and packaging waste. Published in BOE 25/04/97.

Royal Decree 782/1998 of 30 April, approving the Regulation for the development and implementation of Law 11/1997 of 24 April, on packaging and packaging waste. Published in BOE 01/05/98.

14. Transport information

15. Regulatory information

Labelling according to CE Directive



Symbol:

Indications of danger: Harmful

Phrases R: 22 Harmful for ingestion.

Phrases S: 45 In case of accident get medical attention. (if is possible show the label).

16. Other informations

Number and review date: 09/02/2012.

The information from this Safety Data Sheet are based on our knowledge and wants to inform regarding aspects of safety properties and characteristics indicate it.