

SAFETY DATA SHEET

PRODUCT: POTASSIUM OXALATE

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Version: 3

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Name of
the product: Potassium Acid Oxalate (Acetosella)

Supplier: OXAQUIM, S.A.
Urbanización Parc Llevant,
C/ Gregal nº3
E - 43764 TARRAGONA
Telephone: +3477 / 21 37 00

Manufacturer: OXAQUIM, S.A.
Pol. Ind. "Las Horcas"
E - 44600 ALCANIZ (Teruel)
Telephone +3478 / 83 31 13

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical
characterization: POTASSIUM ACID OXALATE
FORMULA : $\text{KH}_2(\text{C}_2\text{O}_4)\text{H}_2\text{O}$
CAS number: 127-95-7

3. HAZARDS IDENTIFICATION

Hazards: Harmful in contact with skin and if
swallowed
Irritant to eyes and respiratory system.

Hazards symbols: Xn

Phrases: R 21/22
S 2
S 24/25

4. FIRST AID MEASURES

General

- information:** Change soaked clothing.
Clean body thoroughly (bath, shower).
- After inhalation:** Ensure supply of fresh air. In the event of symptoms take immediate medical treatment.
- After contact with skin:** Wash off immediately with plenty of water. Seek medical advice.
- After contact with eyes:** Rinse thoroughly with plenty of water and seek immediate medical advice.
- After ingestion:** Seek immediate medical advice and induce vomiting only under medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray jet or foam or dry powder or CO₂ can be released.

Special equipment:

Use breathing apparatus for firefighting.

Further information:

Firefighting water must not be discharge into drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective clothing. Breathing apparatus must be used if exposed to aerosols or vapours or dust.

Environmental precautions:

Do not discharge into surface waters or groundwater.

Methods for

cleaning up: Clean ground and object in accordance with the environment regulation. Avoid raising dust.

7. HANDLING & STORAGE

Handling/advice

on safe handling: Avoid formation and deposition of dust. If dust is formed, provide exhaust ventilation.

Storage/requirements for storage rooms and vessels:

Goods must be stored in well ventilated space. Keep only in original container. Do not store together with oxidizing agents. Keep container tightly closed. Open and handle with care. Store in a dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hygiene measures: Do not eat or drink or smoke during work time. Do not store foodstuffs in the work place. Store work clothes in a special place. Hand and skin must be cleaned thoroughly after work.

Respiratory protection:

In case of high concentrations use breathing apparatus.

Hand protection: Use protective gloves.

Eye protection: Use safety glasses.

Body protection: Use light protective clothes

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance form : Crystalline

Colour: Colourless

Odour: Odourless

Solubility in water: 2,50%

Molecular weight: 128

pH value: 2,7 in water

10. STABILITY AND REACTIVITY

Hazardous reaction: Reactions with oxidising agents. Violents reactions with NHx and SH groups.

Hazardous decomposition product: Formique acid/carbon monoxide/carbon dioxide.

11. TOXICOLOGICAL INFORMATION

LD₅₀ 1^o/kg. Orally in dogs (Merck Index 9th ed.)

LD₅₀ TLV 1 mg/m₃ (Poisoning by drugs and chemicals, 3rd ed.).

Remarks: Irritable and corrosive for skin and eyes kidney damage can be possible. Sensation of dolour can be delayed.

12. ECOLOGICAL INFORMATION

Physico-chemical eliminability: Can be eliminated from the water by precipitation or flocculation

Method: Lime precipitation. The product can be degraded by abiotic, e.g. chemical or photolytic processes.

Behaviour in environmental compartments: Because of its consistency the product cannot be dispersed in the environment. Adverse ecological effects are therefore unlikely on the basis of current knowledge.

13. DISPOSAL CONSIDERATIONS

Product: After pre-treatment, and in accordance with regulations for special waste, product must be taken to an authorised special waste incineration plant for

recycling.

14. TRANSPORT INFORMATIONS

Road transport:	ADR:	not classified
	GGVS:	not classified
	RID:	not classified
	GGVE:	not classified
River transport:	ADNR:	not classified
Sea transport:	IMDG/GGV	
	see-code:	not classified
Flight transport:	ICAO/IATA	
	-DGR:	not classified
Send by mail:		authorized

15. REGULATORY INFORMATION

Hazards symbols:	Xn harmful
R phrases:	21/22 Harmful in contact with skin and if swallowed.
S phrases:	24/25 Keep out of reach of children. Avoid contact with skin and eyes

16. USES

Potassium oxalates are used in cleaning and bleaching of certain natural fibres, to remove stains in photography, in analytical chemistry as well as production

17. OTHER INFORMATION

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.