

Reanal Private Ltd.

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1. Identification of the substance and the company

Product name: **Oxalacetic acid**
Synonyms: **2-Oxosuccinic acid**
CAS-No: **328-42-7**
EU-No: **206-329-8**
REANAL Product Number: **25380**

Company identification: **Reanal Private Ltd.**

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2. Hazard statements

Hazard symbols and-signs:

C



C.bmp

Corrosive

Risk phrases:

34 Causes burns.

3. Composition / Information on ingredients

Molecular formula: **C₄H₄O₅**

CAS No.: 328-42-7

Relative molecular weight: **132.07**

EU No.: 206-329-8

4. First aid measures

General:

Remove provided person from the exposed area immediately. If necessary make lay him/her comfortable and loosen tight clothing. Remove contaminated clothing and shoes. Cover up injured person, do not allow to cool. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Wash contaminated clothing before reuse. Call a physician!

After swallowing:

Do not induce vomiting. (Risk of perforation!) If swallowed, wash out mouth with water provided person is conscious.

After inhalation:

Remove to fresh air.

After eye contact:

In case of contact immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelid with fingers.

After skin contact:

In case of skin contact, flush with copious amount of water for at least 15 minutes.

5. Fire fighting measures

Not flammable. Use carbon dioxide, dry chemical powder, alcohol or polymer foam extinguisher. Use water spray to cool containers under fire conditions. Emits toxic fumes under fire conditions. Use extinguishing media appropriate to surrounding fire conditions.

6. Accidental release measures

Close contaminated area. Do not allow contamination to get to drain. Only authorised person can order the decontamination. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in container and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Use only in a chemical fume hood. Store in labelled container. Store in a cool dry place.

Storage temperature: **below 10 °C**

8. Exposure controls / Personal protection

Exposure controls:

Avoid contact with eyes, skin and clothing. Do not breathe vapour. When working do not eat or smoke.

Take care of bathing facilities with warm water after work. Safety shower and eye bath. Use only in a chemical fume hood. Wash thoroughly after handling.

Personal protective equipment:

Protective clothing.

Eye protection:

Chemical safety goggles, faceshield.

Hand protection:

Chemical-resistant rubber gloves.

Respiration protection:

Respirator.

Specific control parameters

MAK (mg/m³):

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9. Physical and chemical properties

Appearance:	crystalline powder
Form:	solid
Colour:	white to off-white
Melting point [°C]:	161 (dec.)
Solubility in water [°C]:	soluble
Bulk density [kg/m ³]	180

10. Stability and reactivity

Incompatibilities:

Strong oxidizing agents.

Decomposition products:

Carbon monoxide, carbon dioxide.

11. Toxicological information

Acute toxicity:

Harmful if swallowed, inhaled or absorbed through skin. Causes severe burns. Causes severe eyes and skin irritation. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

12. Ecological information

WGK (German Water Hazard Classification): **0**

13. Disposal information

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn

in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal, state and local environmental regulation.

Chemicals must be disposed of in compliance with the respective national regulations.

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ADR/RID: 8. III.

UN: 3261

15. Regulatory information**Hazard symbols:**

C Corrosive

Risk phrases:

34 Causes burns.

Safety phrases:

1/2 Keep locked up and out of reach of children.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately
(show the label where possible).

Labelling according to EC Directives.

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Reanal shall not be held liable for any damage resulting from handling or from contact.