



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Product name: 3-Ethyl-3-oxetanemethanol
 Synonyms: 2-Hydroxymethyl-2-ethyl-1,3-epoxypropane,
 3-Hydroxymethyl-3-ethyloxetane
 Chemical Formula: C₆H₁₂O₂

Use of the Substance/Preparation

Recommended use: No information available.

Company/undertaking identification

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Emergency telephone number:

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Component(s):	CAS Number:	Percent:	EC-No:
3-Ethyl-3-oxetanemethanol	3047-32-3	98%	221-254-0

Classification: none

R-phrases: none

For the full text of the R phrases mentioned in this Section, see Section 16

3. HAZARDS IDENTIFICATION

Most important hazards

No specific information is available on this chemical. However, exposure to any chemical should be kept to a minimum

Potential health effects

4. FIRST AID MEASURES

Eye contact: Check for and remove any contact lenses.
 Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
 Consult a physician

Skin contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
 If the appearance of the exposed skin has changed or pain persists, medical treatment should be



	arranged.
	Wash contaminated clothing before re-use.
Inhalation:	Move to fresh air. In case of shortness of breath, give oxygen. If not breathing, give artificial respiration. Call a physician immediately.
Ingestion:	Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician immediately.
Notes to physician:	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray or "alcohol" foam
Special protective equipment for firefighters:	Wear personal protective equipment.
Specific methods:	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. Immediately remove all sources of combustion. Measures should be taken to contain the water-discharge for fire-fighting lest those substances which affect the environment should leak.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.. Fire-extinguishing devices should be prepared in case of a fire..
Environmental precautions:	Do not let product enter drains
Methods for cleaning up:	Dam up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Consult federal, state, and/or local authorities for assistance on disposal.

7. HANDLING AND STORAGE

Handling:	Keep away from open flames, hot surfaces and sources of ignition. Provide sufficient air exchange and/or exhaust in work rooms. wear personal protective equipment. Do not breathe vapours or spray mist. Wash hands and face before breaks and immediately after handling the product.
Safe handling advice:	Handle with caution and minimize exposure
Storage:	Keep container tightly closed. Store in a cool and shaded area. Keep away from heat.
Materials to avoid:	oxidising agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:	Use only in area provided with appropriate exhaust ventilation. A facility for washing eyes and body should be installed near the place it is handled.
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**Exposure limit values****Exposure controls****Occupational exposure controls**

Respiratory protection:	Vapor respirator
Hand protection:	Gloves
Eye/face protection:	safety glasses
Skin and body protection:	Lab coat, boots, Suggested protective clothing might not be sufficient; consult a specialist before handling this product.
Hygiene measures:	When using, do not eat, drink or smoke

Environmental exposure controls no data available

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Component(s):	3-Ethyl-3-oxetanemethanol
Molecular Weight:	116.16
Appearance:	Clear
Colour:	colourless
Form:	liquid

Important Health Safety and Environmental Information

Boiling Point/Range:	110 °C
Density:	1.02
Flash Point:	108 °C

Explosive properties**Other information**

Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	No information available
Materials to avoid:	oxidising agents
Hazardous Decomposition Products:	Carbon monoxide Carbon dioxide

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL INFORMATION

RTECS Number: No data available

Toxicity information**Acute exposure**

Skin irritation:	Contact with skin may cause irritation
Eye irritation:	Contact with eyes may cause irritation
Inhalation:	Inhalation of the product may cause irritation of the respiratory system
Ingestion:	Health injuries are not known or expected under normal use



Chronic exposure

Information given is based on data on the components and the toxicology of similar products

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

3-Ethyl-3-oxetanemethanol - 3047-32-3

Mobility:	No information available
Persistence and degradability:	No information available
Other adverse effects:	No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Consult your local or regional authorities. In accordance with local and national regulations.
Contaminated packaging:	The contents should be removed completely prior to the disposal of an empty vessel. Do not re-use empty containers

14. TRANSPORT INFORMATION

UN-No:	not regulated
ADR/RID	Does not correspond to the classification standard of the United Nations
Hazards Class:	
IMO:	Does not correspond to the classification standard of the United Nations
Hazards Class:	
ICAO/IATA	Does not correspond to the classification standard of the United Nations
Hazards Class:	

15. REGULATORY INFORMATION

In accordance with local and national regulations

International Inventories

Component(s):	EC-No:
3-Ethyl-3-oxetanemethanol - [3047-32-3]	221-254-0

16. OTHER INFORMATION

R-phrases) The health risks of this compound have not been fully investigated or determined. Exposure may cause irritation of the skin, eyes or respiratory system. Keep away from heat and sources of ignition. When not in use, tightly seal the container and store in a dry, cool place. Avoid excessive heat and light. Always store away from incompatible compounds.

Literary reference: No information available

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