



Section 1. Product and Company Identification

Product Name 5-Oxooctanoic Acid
CAS Number 3637-14-7

Parchem - fine & specialty chemicals
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CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

No known OSHA hazards
Not a dangerous substance according to GHS.

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Section 3. Composition / Information on Ingredients

Common Name 5-Oxooctanoic Acid
Synonym(s) Octanoic acid, 5-oxo-
Formula $C_8H_{14}O_3$
CAS Number 3637-14-7

Section 4. First Aid Measures

If inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5. Firefighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.



Section 6. Accidental Release Measures

Personal precautions: Avoid mist formation.

Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where mist is formed. Normal measures for preventive fire protection.

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8. Exposure Controls / Personal Protection

Personal protective equipment

Respiratory protection: Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: For prolonged or repeated contact use protective gloves.

Eye protection: Safety glasses

Hygiene measures: General industrial hygiene practice.

Section 9. Physical and Chemical Properties

Form: liquid or crystal

Color: colorless

Melting point: 34°C at 760mmHg

Boiling point: 156-162°C at 10mmHg

Flash point: no data available

Ignition temperature: no data available

Section 10. Stability and Reactivity

Storage stability: Stable under recommended storage conditions.

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions.-Carbon oxides, Sodium oxides

Other decomposition products: no data available

Section 11. Toxicological Information

Acute toxicity: no data available

Irritation and corrosion: no data available



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Section 12. Ecological Information

Elimination information (persistence and degradability): no data available

Ecotoxicity effects: no data available

Further information on ecology: no data available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15. Regulatory Information

No data available

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 9/5/2017