Material Safety Data Sheet - RP0010,RP0010

Material Safety Data Sheet

1. Identification
Chemical Name: 20-(tert-Butoxy)-20-oxoicosanoic acid,20-(tert-Butoxy)-20-oxoicosanoic acid
Catalog Number: RP0010,RP0010
CAS Number: 683239-16-9
Product Uses: To be used only for scientific research and development. Not for use in humans or animals.
Latest Revision Date: 2026-07-17

2. Hazards Identification
GHS Hazards Classification: No data available.
Unclassified Hazards: No data available.

3. Composition / Information on Ingredients
Molecular Formula: C24H46O4
Molecular Weight: 398.6
CAS Number: 683239-16-9
Synonyms: MolPort-027-853-795; ZX-RL000706; Eicosanedioic acid 1-tert-butyl ester; Eicosanedioic acid, 1-(1,1-dimethyle

4. First Aid Measures
General Advice: If medical attention is required, show this safety data sheet to the doctor.
If Inhaled: Move person to fresh air. If not breathing, give artificial respiration and consult a physician.
Skin Contact: Wash affected area with soap and water. Consult a physician if symptoms are observed.
Eye Contact: Rinse eyes with plenty of water for at least 15 minutes. Consult a physician.

5. Firefighting Measures
Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Hazards: Carbon oxides.

6. Accidental Release Measures
Personal Precautions: Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

7. Handling and Storage
Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Storage Conditions: Store in a cool and dry place and at 0-4 °C for short term (days to weeks) or -66 °C for long te

8. Exposure Controls / Personal Protection
Engineering Controls: Use a laboratory fumehood or other appropriate local exhaust ventilation.
Personal Protective Equipment: Use safety goggles, protective gloves and laboratory protective clothing.

9. Physical and Chemical Properties
Odour: No data available
pH: No data available
Flash Point: No data available
Flammability: No data available
Solubility: Soluble in DMSO.
Oxidizing Properties: No data available
Content truncated. Review product data in admin before publishing.