

MATERIAL SAFETY DATA SHEET

SECTION 1

Product Identification

Chemical Name: 2-Acetyl-1,3-cyclohexanedione
Catalog Number: CC00-1461
Formula: C₈H₁₀O₃
Supplier: Chemcia Scientific, LLC
9885 Mesa Rim Road, Suite 104 , San Diego, CA 92121, USA.
www.chemcia.com Tel: 1-858-678-0337

SECTION 2

Composition and Information on Ingredients

Ingredient: Title compound, 98%
CAS Number: 4056-73-9

SECTION 3

Hazards Identification

May be harmful in contact with skin, eyes and if swallowed

SECTION 4

First Aid Measure

Skin Contact: Immediately wash the affected area with water while removing contaminated clothing and shoes if necessary. Seek medical assistance if irritation persists.
Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention

SECTION 5

Fire Fighting Measures

Flash Point: N/A
Auto-Ignition Temp: None
Extinguishing Medium: Carbon dioxide, foam or dry powder.
In the event of a fire involving this material, alone or in combination with other materials, the fire fighters should be equipped with protective clothing and self-contained breathing apparatus.

SECTION 6

Accidental Release Measures

Personal Precautions: Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Environ. Precautions: Do not discharge into drains/surface waters/groundwater.

SECTION 7

Handling and Storage

Handling: This product should be worked up in closed equipment as far as possible, and should be handled only by, or under the close supervision of, those properly qualified personnel in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet. Do not get in eyes, on skin, or on clothing. Avoid inhalation of dusts/mists/vapors. Protect against moisture and heat. Protect from air. Ensure adequate ventilation.
Storage: Store in a tightly sealed vessel, keep away from heat and direct sunlight.

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SECTION 8

Exposure Controls / Personal Protection

- Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.
- Skin Protection: Wear protective clothing and gloves.
- Respiratory Precaution: If ventilation is not available a respirator should be worn. The use of respirators requires a Respiratory Protection Program to be in compliance with 29 CFR 1910.134.
- Hand Precaution: Always wear suitable gloves/gauntlets
- Ventilation: Handle this product in an efficient fume hood.

SECTION 9

Physical and Chemical Properties

- Appearance: Liquid
- Melting Point: No data
- Boiling Point: None
- Specific Gravity: No data
- Molecular Weight: 154.2
- Odor: No data

SECTION 10

Stability and Reactivity

- Conditions to Avoid: Heat, sparks and flames
- Incompatibility: Oxidizing agents, reducing agents, and bases

SECTION 11

Disposal Considerations

Contact a licensed professional waste disposal service to dispose this material in accordance with national, state and local regulations. Do not discharge into waterways or sewer systems without proper authorization.

SECTION 12

Transportation Information

Not hazardous for air and ground transportation when sealed or packed properly.

SECTION 13

Other Information

The information herein is believed to be accurate and reliable to the best of our knowledge as of the date compiled. However, the toxicological effects of this material have not been fully investigated. Chemcia Scientific,LLC does not accept liability for any loss, injury or damage resulted from the use of this product.