
SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Dimethyl furan, 2,5-dicarboxylate
Product Number: S2595

Sarchem Laboratories, Inc.
5012 Industrial Road
Farmingdale, NJ 07727

Emergency Phone No: 800-255-3924
International: +1-813-248-0585
ChemTel Inc

2. HAZARDS INFORMATION**Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

None

GHS Label elements, including precautionary statements

Pictogram None

Signal word None

Hazards not otherwise classified (HNOC) or not covered by GHS - none

Avoid prolonged exposure.

Do not breathe vapor.

Use caution when handling.

Exposure to any chemical should be limited.

To the best of our knowledge, the health hazards of this product have not been fully investigated.

This product is provided solely for the purpose of research and development

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>EC Number</u>	<u>Molecular Weight</u>
Dimethyl furan, 2,5-dicarboxylate	4282-32-0		184.15 g/mol

Molecular Formula: C₈H₈O₅

4. FIRST AID MEASURES:

General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact

After contact with skin, wash with generous quantities of running water. Gently and thoroughly wash affected area with running water and non-abrasive soap. Cool water may be used. Cover the affected area with emollient. Seek medical attention. Wash any contaminated clothing prior to reusing.

In case of eye contact

Check for and remove any contact lenses. Immediately flush eyes with clean, running water for at least 15 minutes while keeping eyes open. Cool water may be used. Seek medical attention.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Small Fire: Use DRY chemical powder

Large Fire: Use water spray, alcohol-resistant foam. Do not use water jet.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary

Emits toxic fumes under fire conditions.

6. Accidental Release Measures

Steps to be taken if material is spilled or otherwise released into the environment - Wear appropriate respirator, impervious boots and heavy rubber (or otherwise impervious) gloves. Scoop up solid material or absorb liquid material and place into appropriate container. Ventilate area and wash affected spill area after pickup is complete. Wash skin immediately with plenty of water. Place solid or absorbed material into containers and close for disposal.

7. Handling and Storage

Precautions for safe handling

Do not breath dust or vapor.
Have safety shower and eye wash available.
Do not get in eyes, on skin or on clothing.
Keep container tightly closed.
Store in a cool, dry, well-ventilated place.
Ensure adequate ventilation during use.
Use only in a chemical fume hood.

8. Exposure Controls / Personal Protection

Contains no substances with occupational exposure limit values.

Personal protective equipment

Lab Coat. Safety glasses.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance

Form	solid
Color	white

Safety data

pH	no data available
Water solubility	100 mg/ml

10. Stability and Reactivity

Storage stability

Stable under recommended storage conditions.

Conditions to avoid

No data available.

Materials to avoid

Strong oxidizing agents, strong acids and bases.

Hazardous decomposition products

No data available.

11. Toxicological Information**Acute toxicity**

LD50 Oral - rat - no data available

LC50 Inhalation – no data available

LD50 Dermal - no data available

Skin corrosion/irritation

No data available.

Eye damage / irritation

No data available.

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure (GHS)

No data available.

Specific target organ toxicity - repeated exposure (GHS)

No data available.

Aspiration hazard

No data available.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects
no data available

12. Ecological Information

Elimination information (persistence and degradability)
No data available

Further information on ecology
No data available

13. Disposal Considerations

Product
Observe all federal, state, and local environmental regulations. 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.

Contaminated packaging
Dispose of as unused product

14. Transportation Information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. Regulatory Information

TSCA
US FEDERAL TSCA CAS# 4282-32-0 is not listed on the TSCA inventory

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

16. **OTHER INFORMATION:**

Further Information

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