



INTATRADE
MATERIAL SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

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1. IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Product name: **Dimethyl furan-2,5-dicarboxylate**
Product code: PY04945
Company: INTATRADE Chemicals GmbH
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] Acute toxicity, Oral (Category 4)
Skin irritation (Category 2)
Eye irritation (Category 2)
Specific target organ toxicity - single exposure (Category 3)

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Label elements

Harmful if swallowed. Irritating to eyes, respiratory system and skin.
Labelling according Regulation (EC) No 1272/2008 [CLP]



Pictogram
Signal word

Warning

Hazard statement(s)

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
P261 Avoid breathing dust.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
None
According to European Directive 67/548/EEC as amended
X
R22 Harmful if swallowed
R36/37/38 Irritating to eyes, respiratory system and skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.
None

Precautionary statement(s)

Supplemental Hazard Statements

Hazard symbol(s)
R-phrase(s)

S-phrase(s)

Other hazards

3. COMPOSITION, INFORMATION ON INGREDIENTS

CAS-No.: 4282-32-0
Molecular Formula: $C_8H_8O_5$
Molecular Weight: 184.146
PY04945

4. FIRST AID MEASURES

Eyes:	Flush eyes with plenty of water occasionally lifting the upper and lower lids. Get medical aid.
Skin:	Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.
Ingestion:	Get medical aid. Wash mouth out with water.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

General Information:	As in any fire, wear a self-contained breathing apparatus and full protective gear.
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide or chemical foam.

6. ACCIDENTAL RELEASE MEASURES

General Information:	Use proper personal protective equipment.
Spills/Leaks:	Vacuum or sweep up material and place into suitable disposal container. Avoid generating dusty conditions.

7. HANDLING AND STORAGE

Handling:	Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin.
Storage:	Storage temperature: 2 - 4 °C and Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.
Personal Protective Equipment	
Eyes:	Wear chemical safety goggles.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	Wear appropriate respirators where necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	270.9 °C at 760 mmHg
Melting Point	No data available.
Solubility in water	Slightly soluble.
Vapor Pressure	No data available.
Vapor Density	No data available.

10. STABILITY AND REACTIVITY

Chemical Stability:	This product is relatively unstable under normal temperature.
Incompatibilities with other materials:	Strong oxidizing agents.
Hazardous combustion or decomposition products:	Carbon monoxide, and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

May be toxic by inhalation, in contact with skin and if swallowed.

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

Not available.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental
regulations/legislation specific

for the substance or mixture: Not available.

Chemical Safety Assessment: Not available.

16. OTHER INFORMATION

Warranty

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. Intatrade Chemicals GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.