



杭州大阳化工有限公司  
Hangzhou Dayangchem Co., Ltd.

## Safety Data Sheet

No :M-155849

### Section 1 - Product and Company Identification

**MSDS Name:** 1-(4-Methylphenyl)-4,4,4-trifluorobutane-1,3-dione

**Synonyms:**

**Company Identification:** Hangzhou Dayangchem Co., Ltd.

**For information, call:** 86-571-88938639

**For information,E-mail:** infores@chinadayangchem.com

**Emergency Number:** 86-571-88938639

**For CHEMTREC assistance, call:** 86-571-88938639; FAX:86-571-88938652

### Section 2 – Hazards Identification

**Classification of the substance or mixture**

Not a dangerous substance according to GHS.

This substance is not classified as dangerous according to Directive 67/548/EEC.

**Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

**Other hazards-**none

### Section 3 – Composition/Information on Ingredients

CAS#	Chemical Name	%	EINECS#
720-94-5	1-(4-Methylphenyl)-4,4,4-trifluorobutane-1,3-dione	99	/

## Section 4 - First Aid Measures

**EYE CONTACT:** Check for and remove any contact lenses. IMMEDIATELY flush Eyes with running water for at least 15 minutes while keeping eyes open. COLD water may be used. Seek medical attention.

**SKIN CONTACT:** After contact with skin, wash with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. COLD water may be used. Cover the irritated skin with an emollient. Seek medical attention. Wash any contaminated clothing before reusing.

**INHALATION:** Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.

**INGESTION:** Do not induce vomiting. Give water to victim to drink. Seek medical attention.

## Section 5 - Fire Fighting Measures

**Special fire-fighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Extinguishing Media:** Use carbon dioxide, dry chemical powder, alcohol or polymer foam.

## Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

## Section 7 - Handling and Storage

**Handling:** Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

**Storage:** Store in a cool, dry place. Store in a tightly closed container.

## Section 8 - Exposure Controls, Personal Protection

Contains no substances with occupational exposure limit values.

### Personal Protective Equipment

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9 - Physical and Chemical Properties

**Physical State:** powder.

**Color:** off-white to light yellow.

**Odor:** Not available.

**pH:** Not available.

**Vapor Pressure:** Not available.

**Viscosity:** Not available.

**Boiling Point:** 44-46°C

**Freezing/Melting Point:** Not available.

**Autoignition Temperature:** Not available.

**Flash Point:** Not available.

**Explosion Limits:Lower:** Not available.

**Explosion Limits Upper:** Not available.

**Decomposition Temperature:** Not available.

**Solubility in water:** Not available.

**Molecular Formula:** C<sub>11</sub>H<sub>9</sub>F<sub>3</sub>O<sub>2</sub>

**Molecular Weight:** 230.18

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials.

**Incompatibilities with Other Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon oxides. Fluoride

## Section 11 - Toxicological Information

**RTECS#:** CAS# 720-94-5: None listed

**LD50/LC50:** RTECS: Not available.

**Carcinogenicity:** 1-(4-Methylphenyl)-4,4,4-trifluorobutane-1,3-dione- Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

### Potential health effects

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

**Ingestion** Toxic if swallowed.

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

**Eyes** May cause eye irritation.

## Section 12 - Ecological Information

Not available.

## Section 13 - Disposal Considerations

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

## Section 14 - Transport Information

**IATA :** Not regulated as a dangerous material.

**RID/ADR:** Not regulated as a dangerous material.

**IMO:** Not regulated as a dangerous material.

## Section 15 - Regulatory Information

This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006

## Section 16 - Other Information

**MSDS Creation Date:** 23/09/2010

**Revision #1 Date:** 16/11/2013

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.*