

1: Identification of substance / mixture

1. Product Identifier

Substance

Product Name **5-Fluoro-2'-Deoxyuridine**
Product Code F10705
CAS Number 50-91-9
Other Names FUDR
IUPAC
MFCN Number
EC/EINECS
REACH Number Index-No

2. Relevant identified uses of the substance or mixture and uses advised against

Research and Development

3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd
Bildeston Road, Chelsworth
Ipswich
Suffolk
IP77LE
UK



Telephone: 01449 741178
Fax: 01449 741217
Email: support@melford.co.uk

4. Emergency telephone number

+44(0)1449 741178 -

2. Hazards Identification

1. Classification of the substance or mixture

H301 Acute Tox. 3

2. Label elements

Signal Word **Danger**



Hazard Statements

H301 Toxic if swallowed.

Precautionary Phrases

P264 Wash skin thoroughly after handling.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P330 Rinse mouth.
P405 Store locked up.
P501 Dispose of contents/container to approved waste disposal site

3. Other Hazards

Additional precautionary phrases are located throughout the safety data sheet

3. Composition / Information on Ingredients

1. Substances

Product Name	Hazards	Concentration
5-Fluoro-2'-Deoxyuridine		
CAS Number: 50-91-9	H301 Acute Tox. 3	

4. First Aid Measures

1. Description of first aid measures

Skin Contact

Eye Contact

Ingestion P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P330: Rinse mouth.

Inhalation

2. Most important symptoms and effects

3. Indication of any immediate medical attention

5. Firefighting measures

1. Extinguishing Media

Suitable

Unsuitable

2. Special Hazards arising from the substance or mixture

3. Advice for Fire Fighters

6. Accidental Release Measures

1. Personal Precautions

Refer to section 8 of SDS for personal protection details.
Evacuate the area immediately.
ensure adequate ventilation.
Avoid breathing vapours, mist, dust or gas.

2. Environmental Precautions

Do not discharge into drains or rivers.

3. Methods & Materials

Mix with sand or vermiculite.
Transfer to a closable, labelled salvage container for disposal by an appropriate method.
Refer to section 13 of SDS for suitable method of disposal.

4. Preventing the occurrence of secondary hazards.

Clean up all spills immediately. Wear suitable PPE.

7. Handling and Storage

1. Personal Precautions

Safe Handling P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

*Protection against
explosions and fires*

2. Conditions for safe storage, including any incompatibilities

Managing Storage Risks

Storage Controls

Maintaining Integrity

Other advice P405: Store locked up.

3. Specific End Uses

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

General protective and hygiene measures

Engineering measures

Eye / Face Protection

Hand protection

Respiratory protection

Skin protection

Other personal protection advice

9. Physical and Chemical Properties

1. Physical and Chemical Properties

Appearance	Powder.
Odour	No Data Available
Odour threshold	No Data Available
PH	No Data Available
Melting point / Freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability(solid,gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

2. Other Information

No additional information available

10. Stability and Reactivity

1. Reactivity

2. Stability

3. Possibility of Hazardous Reactions

4. Conditions to Avoid

5. Incompatible Materials

6. Hazardous Decomposition Products

11. Toxicology information

1. Information

Acute Toxicity

Skin corrosion/irritation

Serious eye
Damage/irritation
Respiratory or skin
sensitisation
Germ Cell mutagenicity
Carcinogenicity
Reproductive toxicity
STOT-single exposure
STOT-repeated exposure
Aspiration hazard

2. Additional

12. Ecological Information

1. Toxicity

2. Persistence and degradability

3. Bio-Accumulative Potential

4. Mobility and Soil

5. Results of PBT & vPvB assessment

6. Other adverse effects

13. Disposal Considerations

1. Waste Treatment Methods

Disposal Operations
Disposal of Packaging

14. Transport Information

Air (ICAO)

1. **UN Number:** 2811
2. **Shipping Name:** Toxic solid, organic, n.o.s.
3. **Transport hazard class(es):** : 6.1 Sub Class :



4. **Packing group:** III
5. **Environmental hazards:**
6. **Special Precautions for user:**
7. **Transport in bulk:**

Road (ADR)

1. **UN Number:** 2811
2. **Shipping Name:** TOXIC SOLID, ORGANIC, N.O.S (5-Fluoro-2'-Deoxyuridine).
3. **Transport hazard class(es):** : 6 Sub Class :



4. **Packing group:** III

5. **Environmental hazards:**
6. **Special Precautions for user:**
7. **Transport in bulk:**
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Sea (IMDG)

1. **UN Number:** 2811
2. **Shipping Name:** Toxic solid, organic, n.o.s.
3. **Transport hazard class(es):** : 6.1 Sub Class :



4. **Packing group:** III
5. **Environmental hazards:**
6. **Special Precautions for user:**
7. **Transport in bulk:** IBCINS: IBC08
IBCPCOV: B3
TANKPROV: TP33

15. Safety, health, environmental and national regulations

1. **Safety, health, environmental and national regulations:**
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2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. **Other Information:**
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2. Associated risk phrases according to European directive 67/548/EEC

3. Disclaimer