

1: Identification of substance / mixture

1. Product Identifier

Substance

Product Name **Allyl alpha-D-galactopyranoside**

Product Code 329790

CAS Number 48149-72-0

Other Names

IUPAC

MFCD Number MFCD01320363

EC/EINECS

REACH Number

Index-No

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

3. Details of the supplier of the safety data sheet

Fluorochem Ltd
Unit 14, Graphite Way
Hadfield
Derbyshire
SK13 1QH
UK

Telephone: +44(0)1457 860111
Fax: +44(0)1457 892799
Email: sds@fluorochem.co.uk



4. Emergency telephone number

+44(0)7855 268577 -

2. Hazards Identification

1. Classification of the substance or mixture

Non Hazardous

2. Label elements

Non Hazardous

Hazard Statements

Non Hazardous

Precautionary Phrases

Non Hazardous

3. Other Hazards

Non Hazardous

3. Composition / Information on Ingredients

1. Substances

| Product Name | Hazards | Concentration |
|---------------------------------|---------|---------------|
| Allyl alpha-D-galactopyranoside | | |
| CAS Number: 48149-72-0 | | <=100% |

4. First Aid Measures

1. Description of first aid measures

Skin Contact Wash immediately with plenty of soap and water.

Eye Contact Rinse opened eye for several minutes under running water.

Ingestion Wash out mouth with water.
Consult a doctor.

Inhalation Supply fresh air; consult a doctor in case of complaints.

2. Most important symptoms and effects

No symptoms.

3. Indication of any immediate medical attention

No additional measures required

5. Firefighting measures

1. Extinguishing Media

Suitable Suitable extinguishing media for surrounding fire should be used.

Unsuitable no data

2. Special Hazards arising from the substance or mixture

none

3. Advice for Fire Fighters

No special measures required.

6. Accidental Release Measures

1. Personal Precautions

Refer to section 8 of SDS for personal protection details.

2. Environmental Precautions

No special measures required.

3. Methods & Materials

Transfer to a suitable container.

4. Preventing the occurrence of secondary hazards.

No Special Measures Required

7. Handling and Storage

1. Personal Precautions

Safe Handling No special requirements.

Protection against explosions and fires normal measures for preventive fire protection

2. Conditions for safe storage, including any incompatibilities

Managing Storage Risks Store in cool, well ventilated area.
Keep container tightly closed.

Storage Controls No special requirements

Maintaining Integrity Keep in tightly closed container in cool area away from direct sunlight or heat sources.

Other advice no further information available

3. Specific End Uses

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

| | |
|--|--|
| <i>General protective and hygiene measures</i> | The standard precautionary measures should be adhered to when handling |
| <i>Engineering measures</i> | Ensure there is sufficient ventilation of the area. |
| <i>Eye / Face Protection</i> | Safety Glasses. |
| <i>Hand protection</i> | Protective gloves. |
| <i>Respiratory protection</i> | Respiratory protection not required. |
| <i>Skin protection</i> | Handle with gloves. |
| <i>Other personal protection advice</i> | no data |

9. Physical and Chemical Properties

1. Physical and Chemical Properties

| | |
|--|-------------------|
| Appearance | solid |
| Odour | No Data Available |
| Odour threshold | No Data Available |
| PH | No Data Available |
| Melting point / Freezing point | 143-147° |
| 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

no unusual reactivity

2. Stability

No data available.

3. Possibility of Hazardous Reactions

no hazardous reactions known

4. Conditions to Avoid

no specific conditions to avoid

5. Incompatible Materials

None known.

6. Hazardous Decomposition Products

None known.

11. Toxicology information

1. Information

| | |
|--|-----------------------------|
| <i>Acute Toxicity</i> | no data |
| <i>Skin corrosion/irritation</i> | not skin irritating |
| <i>Serious eye Damage/irritation</i> | none |
| <i>Respiratory or skin sensitisation</i> | No sensitizing effect known |
| <i>Germ Cell mutagenicity</i> | not known |
| <i>Carcinogenicity</i> | not known |
| <i>Reproductive toxicity</i> | not known |
| <i>STOT-single exposure</i> | not known |
| <i>STOT-repeated exposure</i> | not known |
| <i>Aspiration hazard</i> | not known |

2. Additional

No additional information available

12. Ecological Information

1. Toxicity

not known

2. Persistence and degradability

not known

3. Bio-Accumulative Potential

not known

4. Mobility and Soil

not known

5. Results of PBT & vPvB assessment

not known

6. Other adverse effects

not known

13. Disposal Considerations

1. Waste Treatment Methods

Disposal Operations Consult state, local or national regulations for proper disposal.

Disposal of Packaging

Disposal must be made according to official regulations.

14. Transport Information

Air (ICAO)

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

15. Safety, health, environmental and national regulations

1. Safety, health, environmental and national regulations:

product is not subject to any additional regulations or provisions

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

ADR: Accord Europeen sur le transport des marchandises Dangereuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by road)
RID:Reglement International concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association
ICAO:International Civil Aviation Organization
ICAO-TI: Technical Instructions by the ICAO
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS:Chemical Abstracts Service

2. Associated risk phrases according to European directive 67/548/EEC

3. Disclaimer

The product listed is for research and development purposes only and not for human or animal use. As such, in most cases, the toxicological, ecological and physicochemical properties have not been fully determined and the product should be treated with respect and always handled under suitable conditions by appropriately qualified personnel. The responsible party shall use this datasheet only in conjunction with other sources of information gathered by them, and should make an independent judgement of suitability, to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this material safety data sheet, or in combination with any other product or process, is the responsibility of the user.