

## 1: Identification of substance / mixture

### 1. Product Identifier

Substance

Product Name **Ultropac 8 resin, Lithium form**  
Product Code 80-2038-46  
CAS Number 69011-20-7  
Other Names 50% STYRENE DIVINYLBENZENE COPOLYMER, LITHIUM FORM, LOW CROSS LINKED in distilled, de-ionized water.  
IUPAC  
MFCN Number  
EC/EINECS  
REACH Number

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

For R&D use

### 3. Details of the supplier of the safety data sheet

Biochrom Ltd  
1020, Cambourne Business Park  
Cambourne  
Cambridge  
CB23 6DW  
United Kingdom



Telephone: +44 (0)1223 423723  
Fax: +44 (0)1223 420164  
Email: enquiries@biochrom.co.uk

### 4. Emergency telephone number

+44 (0)1223 427890 -

## 2. Hazards Identification

### 1. Classification of the substance or mixture

H315 Skin Irrit. 2 R38, R36/38, R36/37/38, R37/38

No Resource File

### 2. Label elements

Signal Word **Warning**



### Hazard Statements

H315 Causes skin irritation.

### Precautionary Phrases

Non Hazardous

### 3. Other Hazards

Additional precautionary phrases are located throughout the safety data sheet

## 3. Composition / Information on Ingredients

### 1. Substances

Ultropac 8 resin, Lithium form

Assay:100% CAS Number :69011-20-7

### 2. Mixtures

Not Relevant

## 4. First Aid Measures

### 1. Description of first aid measures

*Skin Contact* P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

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

*Ingestion* Wash out mouth with water.

*Inhalation* Not applicable

## 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* Not applicable

### 2. Special Hazards arising from the substance or mixture

Not applicable

### 3. Advice for Fire Fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## 6. Accidental Release Measures

### 1. Personal Precautions

Refer to section 8 of SDS for personal protection details.

### 2. Environmental Precautions

Do not discharge into drains or rivers.

### 3. Methods & Materials

Wash the spillage site with large amounts of water.  
Transfer to a suitable container.

### 4. Preventing the occurrence of secondary hazards.

None

## 7. Handling and Storage

### 1. Personal Precautions

*Safe Handling* P264: Wash hands thoroughly after handling.

*Protection against explosions and fires* No special requirements

### 2. Conditions for safe storage, including any incompatibilities

*Managing Storage Risks* Keep container tightly closed.  
Store in cool, dry place

*Storage Controls* No special requirements

*Maintaining Integrity* No special requirements

*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>	P280: Wear protective gloves/protective clothing/eye protection/face protection.
<i>Engineering measures</i>	Not applicable
<i>Eye / Face Protection</i>	Safety Glasses with side-shields.
<i>Hand protection</i>	Protective gloves.
<i>Respiratory protection</i>	Respiratory protection not required.
<i>Skin protection</i>	Protective clothing.
<i>Other personal protection advice</i>	No data.

## 9. Physical and Chemical Properties

### 1. Physical and Chemical Properties

Appearance	light brown paste
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

no unusual reactivity

### 2. Stability

Stable under normal conditions.

### 3. Possibility of Hazardous Reactions

No hazardous reactions known.

### 4. Conditions to Avoid

No specific conditions to avoid.

### 5. Incompatible Materials

Not applicable

### 6. Hazardous Decomposition Products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 11. Toxicology information

### 1. Information

<i>Acute Toxicity</i>	No information available
<i>Skin corrosion/irritation</i>	No information available
<i>Serious eye Damage/irritation</i>	No information available
<i>Respiratory or skin sensitisation</i>	No information available
<i>Germ Cell mutagenicity</i>	No information available
<i>Carcinogenicity</i>	No information available
<i>Reproductive toxicity</i>	No information available
<i>STOT-single exposure</i>	No information available
<i>STOT-repeated exposure</i>	No information available
<i>Aspiration hazard</i>	No information available

### 2. Additional

No additional information available

## 12. Ecological Information

### 1. Toxicity

No information available

### 2. Persistence and degradability

No information available

### 3. Bio-Accumulative Potential

No information available

### 4. Mobility and Soil

No information available

### 5. Results of PBT & vPvB assessment

No information available

### 6. Other adverse effects

No information available

## 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)

- UN Number:**
- Shipping Name:** Non Hazardous

3. **Transport hazard class(es):** : Sub Class :

4. **Packing group:**

5. **Environmental hazards:**

6. **Special Precautions for user:**

7. **Transport in bulk:**

## Road (ADR)

1. **UN Number:**

2. **Shipping Name:** None Hazardous

3. **Transport hazard class(es):** : Sub Class :

4. **Packing group:**

5. **Environmental hazards:**

6. **Special Precautions for user:**

7. **Transport in bulk:**

## Sea (IMDG)

1. **UN Number:**

2. **Shipping Name:** Non Hazardous

3. **Transport hazard class(es):** : Sub Class :

4. **Packing group:**

5. **Environmental hazards:**

6. **Special Precautions for user:**

7. **Transport in bulk:**

## 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:

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

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

R36/37/38	Irritating to eyes, respiratory system and skin.
R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.



### 3. Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process unless specified in the text.