



# SAFETY DATA SHEET

Creation Date 08-Feb-2011

Revision Date 08-Feb-2011

Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** LISTERIA SELECTIVE AGAR BASE Oxford Formulation  
**Cat No.** CM0856  
**Danish PR No.:** 1656387  
**Synonyms** No information available.  
**Recommended Use** Laboratory chemicals

<b>Company</b>	Oxoid Ltd Wade Road Basingstoke, Hants, UK RG24 8PW Tel: +44 (0) 1256 841144 mbd-sds@thermofisher.com	<b>Entity / Business Name</b>	Oxoid Ltd. Wade Road Basingstoke, Hants, UK RG24 8PW Telephone: +44 (0) 1256 841144
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**Emergency Telephone Number** Carechem 24: +44 (0) 1865 407333

## 2. HAZARDS IDENTIFICATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Xn



**R -phrase(s)**

R22 - Harmful if swallowed

R36/37/38 - Irritating to eyes, respiratory system and skin

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Haz/Non-haz**

Component	Weight %	EC No.	Classification
Lithium chloride 7447-41-8	26.45	EEC No. 231-212-3	Xn; R22 Xi; R36/37/38

For the full text of the R phrases mentioned in this Section, see Section 16



## 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists..
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Get medical attention.
<b>Inhalation</b>	Move to fresh air. Obtain medical attention.
<b>Notes to Physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

### **Extinguishing media which must not be used for safety reasons**

No information available.

### **Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition

### **Protective Equipment and Precautions for Firefighters**

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

### **Flash Point Method**

Not applicable  
No information available.

### **Autoignition Temperature**

No information available.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Avoid dust formation. Ensure adequate ventilation.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for Containment and Clean Up</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid dust formation.
<b>Storage</b>	Keep at temperatures below 25°C. Protect from sunlight.
<b>Specific use(s)</b>	No information available.



## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

The product does not contain any hazardous materials with occupational exposure limits established.

### Occupational exposure controls

#### Engineering Measures

Ensure adequate ventilation, especially in confined areas

### Personal Protective Equipment

#### Respiratory Protection

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

#### Eye Protection

Tightly fitting safety goggles

#### Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure

#### Hand Protection

Protective gloves

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

#### Environmental exposure controls

No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical State

Powder

#### Appearance

Light brown

#### pH

6.8 - 7.2

#### Boiling Point/Range

Not applicable

#### Melting Point/Range

No information available.

#### Flash Point

Not applicable

## 10. STABILITY AND REACTIVITY

#### Stability

Stable under recommended storage conditions. Hygroscopic.

#### Conditions to Avoid

Incompatible products

#### Incompatible Materials

Strong oxidizing agents

#### Hazardous Decomposition Products

None under normal use

#### Hazardous Polymerization

No information available

#### Hazardous Reactions .

None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity



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**Product Information** Harmful if swallowed

### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Lithium chloride	526 mg/kg ( Rat )	1488 mg/kg ( Rat )	

### Chronic Toxicity

**Carcinogenicity** There are no known carcinogenic chemicals in this product

**Sensitization** No information available.

**Neurological Effects** No information available.

**Mutagenic Effects** No information available.

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Target Organs** No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

**Persistence and Degradability** No information available

**Bioaccumulative Potential** No information available.

**Mobility** No information available.

Component	log Pow
Lithium chloride	0

## 13. DISPOSAL CONSIDERATIONS

**Waste from Residues / Unused Products** Dispose of as hazardous waste in compliance with local and national regulations

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**IMDG/IMO** Not regulated



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## 14. TRANSPORT INFORMATION

**ADR** Not regulated

**IATA** Not regulated

## 15. REGULATORY INFORMATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC

### Labelling

Xn



### R -phrase(s)

R22 - Harmful if swallowed

R36/37/38 - Irritating to eyes, respiratory system and skin

### S -phrase(s)

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

### International Inventories

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Lithium chloride	231-212-3	-		X	X	-	X	X	X	X	KE-22552 X

## 16. OTHER INFORMATION

### Text of R phrases mentioned in Section 2-3

R22 - Harmful if swallowed

R36/37/38 - Irritating to eyes, respiratory system and skin

**Prepared By** Regulatory Affairs

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<b>Revision Summary</b>	"***", and red text indicates revision
<b>Restrictions on use</b>	No information available.
<b>Training advice</b>	No information available.
<b>Literary reference</b>	No information available.

**Disclaimer**

**The information provided on this Safety Data Sheet 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.**

**End of Safety Data Sheet**