



# SAFETY DATA SHEET

Creation Date 01-Sep-2011

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Revision Number 1

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

**Product Name** CHLORAMPHENICOL Selective Supplement  
**Cat No.** SR0078  
**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.



### R -phrase(s)

R45 - May cause cancer

R42/43 - May cause sensitization by inhalation and skin contact

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Haz/Non-haz

Component	Weight %	EC No.	Classification
Chloramphenicol 56-75-7	58	EEC No. 200-287-4	Carc. Cat. 2; R45 Xn;R42/43

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



## 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists..
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Obtain medical attention.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Obtain 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

<b>Flash Point</b>	Not applicable
<b>Method</b>	No information available.
<b>Autoignition Temperature</b>	No information available.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Use personal protective equipment.
<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 container tightly closed. Keep at temperatures between 2° and 8 °C.
<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

<b>Engineering Measures</b>	Use only under a chemical fume hood
<b>Personal Protective Equipment</b>	
<b>Respiratory Protection</b>	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
<b>Eye Protection</b>	Tightly fitting safety goggles
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure
<b>Hand Protection</b>	Protective gloves
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Environmental exposure controls</b>	No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Lyophilized Pellets
<b>Appearance</b>	White
<b>pH</b>	Not applicable
<b>Boiling Point/Range</b>	Not applicable
<b>Melting Point/Range</b>	149 - 153°C / 300.2 - 307.4°F
<b>Flash Point</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Incompatible products
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	None under normal use
<b>Hazardous Polymerization</b>	No information available



**Hazardous Reactions .** None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Chloramphenicol	2500 mg/kg ( Rat )		

### Chronic Toxicity

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen

Component	IARC	UK
Chloramphenicol	Group 2A	EU Category 2

### **IARC: (International Agency for Research on Cancer)**

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Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

**Sensitization** May cause sensitization by inhalation and skin contact.

**Neurological Effects** No information available.

**Mutagenic Effects** This product contains one or more substances which are classified in the EU as carcinogenic, mutagenic and/or reprotoxic

**Reproductive Effects** Experiments have shown reproductive toxicity effects on laboratory animals.

**Developmental Effects** No information available.

**Target Organs** Liver, Blood, Kidney.

## 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.



## 13. DISPOSAL CONSIDERATIONS

**Waste from Residues / Unused Products**

Dispose of as hazardous waste in compliance with local and national regulations

**Contaminated Packaging**

Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

**IMDG/IMO**

Not regulated

**ADR**

Not regulated

**IATA**

Not regulated

## 15. REGULATORY INFORMATION

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

**Labelling****T****R -phrase(s)**

R45 - May cause cancer

R42/43 - May cause sensitization by inhalation and skin contact

**S -phrase(s)**

S36 - Wear suitable protective clothing

S53 - Avoid exposure - obtain special instructions before use

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

**International Inventories**

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Chloramphenicol	200-287-4	-		X	X	-	X	-	X	X	X



CHLORAMPHENICOL Selective Supplement

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## 16. OTHER INFORMATION

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

R45 - May cause cancer

R42/43 - May cause sensitization by inhalation and skin contact

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Restrictions on use	No information available.
Training advice	No information available.
Literary reference	No information available.

### Disclaimer

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**End of Safety Data Sheet**