

Safety Data Sheet
X209 Chloramphenicol Selective Supplement

Issue: 18/Jan/2005

1. Product and Company Identification

Product No.: X209

Product Name: Chloramphenicol Selective Supplement

Manufacturer: LAB M Limited
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2. Composition and Information on Ingredients

Hazardous ingredients:

Component	CAS number EINECS number	Concentration	Classification	Risk phrases
Chloramphenicol	56-75-7 200-287-4	33.3% w/w	T	R40, R42/43, R46 R61

3. Hazard Identification

Most important hazard: Limited evidence of carcinogenic effects. May cause sensitisation by inhalation and skin contact. May cause heritable genetic damage. May cause harm to the unborn child.

Health hazard > Inhalation: Irritating to the respiratory system. Prolonged or repeated exposure will depress the central nervous system.

Health hazard > Skin: Material will cause irritation. Repeated or prolonged contact may lead to dermatitis.

Health hazard > Eyes: Material will cause conjunctival irritation.

Health hazard > Ingestion: Swallowing may cause gastrointestinal irritation, nausea, haemorrhage.

4. First Aid Measures

After inhalation: Remove to fresh air; if breathing becomes difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical advice

After skin contact: Wash off with copious amounts of water. If irritation persists, seek medical advice.

After eye contact: Flush with copious amounts of water; if irritation persists seek medical advice.

After ingestion: Make victim drink plenty of water to dilute stomach contents; seek immediate medical advice.

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5. Fire Fighting Measures

Extinguishing media, suitable: Water spray, Carbon dioxide, dry chemical powder or foam.

Special risks: Emits toxic fumes under fire conditions

6. Accidental Release Measures

Personal precautions: Consider requirement to evacuate the area. Wear disposable gloves, eye protection, dust mask and protective clothing.

Spill: Sweep or vacuum material and place in a designated waste container. Ventilate and use a water rinse to clean the spill site after material pickup is complete.

7. Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Prevent inhalation of dust.

Storage: Keep container tightly closed. Store in a refrigerator at 2 to 8°C

8. Exposure Controls and Personal Protection

Engineering controls: Engineering methods to prevent control or exposure to dust are preferred. Methods include process or personnel enclosure, mechanical ventilation, and control of process conditions.

Protective measures > Hands: Protective disposable gloves.

Protective measures > Eyes: Chemical safety glasses or goggles.

Protective measures > Body: Laboratory coat.

Protective measures > Inhalation: Dust mask.

9. Physical and Chemical Properties

Physical form: Pellet/Powder.

Colour: Almost white.

10. Stability and Reactivity

Stability: Stable under recommended storage and handling conditions (refer to part 7 of this MSDS). Hygroscopic.

Reactivity: Avoid strong oxidising agents.

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11. Toxicological Information

Eye irritation:	Material will cause irritation.
Skin irritation:	Material will cause irritation.
Skin absorption:	Material may be harmful if absorbed through the skin.
Inhalation:	Material will be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion:	May be harmful if swallowed.
Chronic exposure – Carcinogen:	This product is probably carcinogenic based on its IARC, OSHA or EPA classification.
EU classification:	Category 3 carcinogen (limited evidence of carcinogenicity from animal studies, however insufficient evidence to make a satisfactory risk assessment).
IARC classification:	Group 2B, this product is probably carcinogenic to humans.
Mutagenic effects:	EU category 2 mutagen. Evidence of mutagenic and clastogenic effects in a variety of systems.
Developmental toxicity:	EU category 2 teratogen. Evidence of developmental effects in animal studies.

12. Ecological Information

Ecotoxic effects:	Quantitative data on the toxicity of this product is not available.
Further ecological data:	No ecological problems are to be expected when the product is handled and used with due care and attention.

13. Disposal Considerations

Product:	Hazardous waste. Must be disposed of in full compliance with all federal, state and local environmental regulations.
Packaging:	Hazardous waste. Must be disposed of in full compliance with all federal, state and local environmental regulations.

14. Transport Regulations

UN number:	Not regulated
ADR/RID classification:	Not regulated
IATA classification:	Not regulated

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IMDG classification: Not regulated

15. Regulatory Information



Hazard symbol: T, Toxic.

Risk phrases:	R40.	Limited evidence of carcinogenic effects.
	R42/43.	May cause sensitisation by inhalation and skin contact.
	R46.	May cause heritable genetic damage.
	R61.	May cause harm to the unborn child.
Safety phrases:	S22.	Do not breathe dust.
	S28.	After contact with skin, wash immediately with plenty of soap and water.
	S45.	In case of accident or if you feel unwell, seek medical advice (show the label where possible).
	S53.	Avoid exposure, obtain special instructions before use.
EU classification:	Toxic for reproduction, category 2. Mutagen, category 2. Carcinogen, category 3.	

16. Further Information

Reason for Issue: Alteration to format of MSDS.

The information contained in this MSDS is based on the present state of our knowledge. It characterises this product with regards to the appropriate safety precaution. It does not represent a guarantee of the properties of this product. LAB M Limited shall not be held liable for any damage resulting from the handling or from contact with this product.