

1: Identification of substance / mixture

1. Product Identifier

Substance

Product Name **CHLORAMPHENICOL**
Product Code C61000
CAS Number 56-75-7
Other Names
IUPAC
MFCD Number
EC/EINECS 200-287-4
REACH Number Index-No

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

Research and laboratory only

3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd
Bildeston Road, Chelsworth
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IP77LE
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Telephone: 01449 741178
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4. Emergency telephone number

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2. Hazards Identification

1. Classification of the substance or mixture

H315	Skin Irrit. 2	
H319	Eye Irrit. 2	
H335	STOT SE 3	
H350	Carc. 1A	

2. Label elements

Signal Word **Danger**



Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H350	May cause cancer ..

Precautionary Phrases

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.

3. Other Hazards

Additional precautionary phrases are located throughout the safety data sheet

3. Composition / Information on Ingredients

1. Substances

Product Name	Hazards	Concentration
CHLORAMPHENICOL		
CAS Number: 56-75-7 EC/EINECS: 200-287-4	H315, H319, H335, H350 Carc. 1A, Eye Irrit. 2, Skin Irrit. 2, STOT SE 3	<=100%

4. First Aid Measures

1. Description of first aid measures

<i>Skin Contact</i>	P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P332 + P313: If skin irritation occurs: Get medical advice/attention. Remove all contaminated clothing and footwear immediately unless stuck to the skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. See a doctor.
<i>Eye Contact</i>	P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice/attention. Bathe the eye with running water for 15 minutes. Assure adequate flushing by separating the eyelids with fingers transfer to hospital for further examination.
<i>Ingestion</i>	Rinse mouth with water. Transfer to hospital as soon as possible.
<i>Inhalation</i>	Fresh air; consult doctor in case of symptoms. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Symptomatically. Consult treating physician.

2. Most important symptoms and effects

Nausea and stomach pain may occur. There may be vomiting. There may be irritation and redness at the site of contact. May be harmful if inhaled. There may be irritation of the throat with a feeling of tightness in the chest.

3. Indication of any immediate medical attention

No further action required

5. Firefighting measures

1. Extinguishing Media

<i>Suitable</i>	Water spray. Carbon dioxide. The alcohol or the polymer foam. Dry chemical powder.
<i>Unsuitable</i>	n / A

2. Special Hazards arising from the substance or mixture

In combustion emits toxic fumes of carbon monoxide / carbon dioxide. In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of hydrogen / phosgene chloride.

3. Advice for Fire Fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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

Transfer to a closable, labeled container for disposal by an appropriate method. Wash the spill site with large amounts of water.

4. Preventing the occurrence of secondary hazards.

Clean up all spills immediately. Wear appropriate PPE.

7. Handling and Storage

1. Personal Precautions

<i>Safe Handling</i>	Ventilate the area. Avoid direct contact with the substance.
<i>Protection against explosions and fires</i>	P362: Take off contaminated clothing and wash before reuse. No special requirements

2. Conditions for safe storage, including any incompatibilities

<i>Managing Storage Risks</i>	Keep container tightly closed.
<i>Storage Controls</i>	No special requirements
<i>Maintaining Integrity</i>	No special requirements
<i>Other advice</i>	no further information available

3. Specific End Uses

The use (s) of late has not been fully determined. The substance is provided for research and development only by professionals.

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. standard precautionary measures must be adhered to when handling
<i>Engineering measures</i>	Ventilate the area.
<i>Eye / Face Protection</i>	Safety glasses.
<i>Hand protection</i>	PVC gloves.
<i>Respiratory protection</i>	Respirator with particle filter.
<i>Skin protection</i>	sleeved clothing and closed neck. PVC boots. PVC apron.
<i>Other personal protection advice</i>	no data

9. Physical and Chemical Properties

1. Physical and Chemical Properties

Appearance	pale yellow crystalline solid
Odour	No Data Available
Odour threshold	No Data Available
PH	No Data Available
Melting point / Freezing point	149 ° C
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):	Soluble in ethanol. Practically insoluble dan
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

Acid chlorides. Anhydrides of acids. Acids. Oxidants.

6. Hazardous Decomposition Products

In combustion emits toxic fumes.

11. Toxicology information

1. Information

<i>Acute Toxicity</i>	Oral LD50 (rat) 2500mg / kg
<i>Skin corrosion/irritation</i>	irritating to skin and mucous membranes
<i>Serious eye Damage/irritation</i>	irritancy
<i>Respiratory or skin sensitisation</i>	No irritant effect
<i>Germ Cell mutagenicity</i>	In vitro tests showed mutagenic effects. liver DNA the damage assessment factor analysis Souris-intraperitoneal cytogenetics
<i>Carcinogenicity</i>	This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC classification, ACGIH, NTP, or EPA. possibly carcinogenic to humans
<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

Inhalation - May be harmful if inhaled. May cause respiratory tract irritation. Ingestion - May be harmful if swallowed. Skin - May be harmful if absorbed through the skin. May cause irritation Eyes - may cause eye irritation.

12. Ecological Information

1. Toxicity

EC50 (water flea) - 345 mg / l -48hr

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 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 subject to regulation or additional provisions

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

ADR: European Agreement on the Transport of Dangerous Goods by Road (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: international concernant Regulations on Transport of Dangerous Goods by Rail (Regulations concerning the International Carriage of Dangerous Goods by Road iron) IMDG: International maritime dangerous goods IATA: International Air Transport Association IATA-DGR: regulation

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

3. Disclaimer

The product mentioned is for research and development purposes only and not for human or animal use. As such, in most cases, toxicological, ecological and physicochemical properties have not been fully determined and the product must be treated with respect and always handled under appropriate conditions by qualified personnel. The responsible party must use this card only in conjunction with other sources of information rec