



ANUH PHARMA LTD.

3-A, Shivsagar Estate, North Wing,
Dr. Annie Besant Road, Worli, MUMBAI - 400 018, INDIA
Tel. : 91-22-6622 7575 • Fax : 91-22-6622 7600 / 7500
E-Mail : anuh@sk1932.com • CIN: L24230MH1960PLC011586

MATERIAL SAFETY DATA SHEET CHLORAMPHENICOL IP/BP/EP/USP

Section 1: Chemical Product And Company Identification

1.1 Product Identifiers

Product Name : Chloramphenicol

REACH Registration Number : This product is a mixture. REACH registration number is not available for this mixture.

CAS-No, : 56-75-7

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses : Antibacterial

1.3 Details of the supplier of the safety data sheet

Company Identification: Anuh Pharma Ltd.

Head Office: M/S Anuh Pharma Ltd A-3 Shivsagar Estate, North wing, Dr. Annie Besant Road, Worli Mumbai 400018 State: Maharashtra Country: - India Tel. No: (91-22-) 66227575 66227600/ 66227500 (Fax) E-mail: anuh@sk1932.com Timing: 10.30 am to 5.00pm (Indian Standard Time)	Factory: M/S Anuh Pharma Ltd E-17/3-E17/4 M.I.D.C. Tarapur Boisar, - 401506 State: Maharashtra Country: - India Tel. No: 7410055574 / 75 Timing: 10.30 am to 5.00pm (Indian Standard Time)
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1.4. Emergency Telephone number: Tel. No: (91-22-) 66227575



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Section 2 : Hazards Identification:

2.1 Classification of the substance or mixture

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]

Carcinogenicity, (Category 1B), H350

2.2 Label elements

Labeling according to Regulation (EC) No.1272/2008



Danger according to the classification provided by companies to ECHA in REACH registrations this substance cause serious eye damage, is suspected of causing cancer and is suspected of damaging fertility or the unborn child.

Pictogram

Signal word Danger

Hazard Statement(s)

H350 : May cause cancer

Precautionary Statement(s)

P201 : Obtain special instructions before use.

P308 + P313 : IF exposed or concerned: Get medical advice/attention

Supplemental Hazard Statement (S) : None

2.3 Other Hazards

None





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Section 3: Composition / Information On Ingredients:

3.1 Substances

Synonyms : D (-)-threo-2-Dichloroacetamido-1-(4-nitrophenyl)-1,3-propanediol
chloromycetin

D-(-)-threo-2,2-Dichloro-N-(β - hydroxyl- α -(hydroxymethyl)- β -(4-nitrophenyl)ethyl)acetamide

D-threo-2,2-Dichloro-N-(β -hydroxy- α -(hydroxymethyl)-4- nitrophenyl) acetamide

3.2 Mixtures

Component	Classification	Concentration
Chloramphenicol		
CAS No. : 56-75-7 EC No. : 200-287-4	As Per EC Regulation 1272/2008 Carc. 1B H350	>=0.1 - <=1.0%

Refer Section 16 for complete statement of H codes & classification.

Section 4: First Aid Measures

4.1 Description of First Aid Measures:

- In case of Eyes Contact :** Immediately flush eyes with plenty of water for at least 15 minutes occasionally lifting the upper and lower lids. Get medical aid..
- In case of Skin Contact:** Flush skin with plenty of soap and water Immediately flush eyes with plenty of water. Get medical aid.
- In case of Ingestion:** Flush mouth with water and get medical attention.
- In case of Inhalation:** Remove from exposure to fresh air immediately. If not breathing gives artificial respiration. Get medical aid immediately.





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4.2 Most Important symptoms and effects ,both acute and delayed
The known symptoms and effects are described in section 2.2.

4.3 Indication of immediate medical attention and special treatment needed
No data Available

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: No data available

5.2 Special hazards arising from the substance or mixture

Carbon oxides, other decomposition products not known

5.3 Advise for fire fighters

Wear self contained breathing apparatus for fire fighting if necessary

Section 6: Accidental Release Measures

6.1 Protective Precautions, Protective Equipment and Emergency procedures:

Use personnel protective equipment. Avoid dust formation. Avoid breathing vapors ,Mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area. Avoid breathing dust.

For personnel protection see section 8.

6.2 Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and material for containment and cleaning Up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:

For disposal see section 13.





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Section 7: Handling And Storage

7.1 Precautions to be taken in Handling:

Avoid formation of dust. Avoid exposure-obtain special instructions before use.
Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2

7.2 Precautions to be taken in Storing:

Store protected from Light and Moisture

7.3 Specific end uses

No data available

Section 8: Exposure Controls, Personal Protection

8.1 Control Parameters:

Components with work place control parameters.

8.2 Exposure Controls:

Appropriate Engineering Controls : Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personnel Protective Equipment's:

Hygiene measures: Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

Eye/Face protection : Tightly fitting safety goggle ; face shield (8 inch minimum).Use equipment for eye protection tested and approved under appropriate government standard such as NIOSH (US).

Skin Protection: Handle with gloves .Gloves must be inspected prior to use .Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product .Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands .The selected protective gloves have





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to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection : Complete suit protecting against chemicals. The type of protective equipment's must be selected according to the concentration and amount of the dangerous substance at the specific work place .

Respiratory protection : Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environment exposure controls: Do not empty into drains.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	A white, Greyish-white or yellowish – white crystalline powder or fine crystals ,needless or elongated plates.
Odor	No data available
Threshold	No data available
pH	6.40 - 6.80
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available





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Flammability (Solid, gas)	No data available
Vapor pressure	No data available
Relative density	No data available
Water Solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto ignition Temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapour density	No data available
Thermal decomposition	No data available
9.2 Other safety information	No data available

Section 10 : Stability And Reactivity

- 10.1 Reactivity
No data available
- 10.2 Chemical stability
No data available
- 10.3 Possibility of hazardous reactions
No data available





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10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Refer Section 5.2. Other Decomposition products not known.

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity : LD50 Oral –Rat-2500 mg/kg(Chloramphenicol)
LD50 Intraperitoneal – Rat-1811 mg/kg(Chloramphenicol)
LD50 Intraperitoneal – Mouse-1100 mg/kg(Chloramphenicol)

Skin corrosion/irritation : No data available

Serious eye damage/eye irritation : No data available

Respiratory or skin sensitization : Prolonged or repeated exposure may cause
allergic reactions in certain sensitive individuals
(Chloramphenicol)

Germ cell mutagenicity : Laboratory experiments have shown mutagenic
effects. (Chloramphenicol)
Rat (Chloramphenicol)
Liver , DNA damage(Chloramphenicol)
Mouse (Cytogenetic analysis)





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Carcinogenicity : This product is or contains a component that has been reported to be proba EPA classification.(Chloramphenicol) .Possible human carcinogen (Chloramphenicol) .IARC : 2A – Group 2A : Probably Carcinogenic to humans (Chloramphenicol)

Reproductive toxicity No data available

Specific target organ toxicity- single exposure : No data available

Aspiration hazard No data available

Additional Information RTECS : AB6825000

Section 12: Ecological Information

12.1 Toxicity

Components: Chloramphenicol

Toxicity to Daphnia and other aquatic invertebrates Daphnia magna(Water flea) EC50: 345 mg/l; 48 h

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating or toxic (PBT) at levels of 0.1% or higher.

12.6 Other adverse effects : No data available





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13.1 Waste treatments methods

Product

Dissolve or mix the materials with a combustible solvent and burn in a chem scrubber.
Offer surplus and non recyclable solutions to a licensed disposal company.

13.2 Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

14.1 UN-No

ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

14.2 UN proper shipping name

ADNR :	Not dangerous goods
ADR :	Not dangerous goods
IATA_C :	Not dangerous goods
IATA_P :	Not dangerous goods
IMDG :	Not dangerous goods
RID :	Not dangerous goods

14.3 Transport hazard class(es)

ADNR : - ADR : - IATA_C : - IATA_P : - IMDG : - RID : -

14.4 Packaging group

ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

14.5 Environmental hazards

ADNR : No ADR : No IMDG : Marine Pollutant No IATA_C : No IATA_P : No RID : No

14.6 Special precautions for use

No data available





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15.1 Safety health and environment regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 : Additional Information

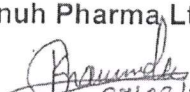
Text of H codes and classification mentioned in section 3

H350 May cause cancer
Carc. 1B Carcinogenicity, Category 1B

MSDS Prepared on : 27 /02/2019

The above information is believed to be accurate and represents the best information currently available with us. However, we make no warranty or merchantability or any other warranty, express or implied, with respect to such information and we assume no liability resulting from its use. User should make their own investigations to determine the suitability of the information for their particular purpose. In no way shall the company be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

For Anuh Pharma Ltd.


Authorized Signatory 27/02/2019

