



Banff Green Technologies, Inc

TEL: 86-21-54795870 FAX: 86-21-54795870 Email: sales@banffgt.com
ADDRESS: Floor 29, CapitaMalls Plaza, No. 6088 Humin Rd.,Minhang Dist., Shanghai 201100, China

Material Safety Data Sheet

★ SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Florfenicol

CAS No.: 73231-34-2

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

Medical for treatment of bovine respiratory disease.

Details of the supplier of the safety data sheet

Company: Banff Green Technologies, Inc.

Address: Floor 29, CapitaMalls Plaza, No. 6088 Humin Rd.,
Minhang Dist., Shanghai 201100
CHINA

Telephone/Fax: +86 21-54795870

E-mail address: sales@banffgt.com

1.3 Emergency telephone number

Emergency Phone #: +86 21-61995660

★ SECTION 2: Hazards identification

EYES: May cause irritation.

Skin: May cause irritation. May be harmful if absorbed through the skin.

Ingestion: May be harmful if swallowed.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

★ SECTION 3: Composition/information on ingredients

Molecular formula: C₁₂H₁₄Cl₂FNO₄S

Molecular Weight: 358

Boiling point: 617.5° C at 760 mmHg

Density: 1.451 g/cm³

Character and properties: White and off-white powder. Odorless. Bitter. Soluble in



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dimethylfomamide and methanol, slightly soluble in glacial acetic acid, water and chloroform.

★ SECTION 4: First aid measures

Eyes: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin: In case of contact, immediately wash skin with soap and copious amounts of water.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Notes to Physician:

★ SECTION 5: Firefighting measures

General Information

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

Extinguishing Media

Extinguish with water spray, carbon dioxide, dry chemical powder, or appropriate foam.

★ SECTION 6: Accidental release measures

Small spills/Leaks

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

★ SECTION 7: Handling and storage

Handling

Storage

Keep container tightly closed.

★ SECTION 8: Exposure controls/personal protection

Personal Protective Equipment

Protective gloves, chemical safety goggles.

Respirators:



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Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

★ SECTION 9: Physical and chemical properties

Molecular formula: C₁₂H₁₄Cl₂FNO₄S

Molecular Weight: 358

Boiling point: 617.5° C at 760 mmHg

Density: 1.451 g/cm³

Flash point: 327.3 ° C

★ SECTION 10: Stability and reactivity

Chemical Stability:

Stable at normal temperatures and pressures.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous combustion or Decomposition products

Emits toxic fumes under fire conditions.

★ SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity



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Single exposure

No data available.

Specific target organ toxicity

Repeated exposure

No data available.

Aspiration hazard

No data available.

Additional Information

RTECS: No data available.

★ SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.



★ SECTION 13: Disposal considerations

★ SECTION 14: Transport information

★ SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

Chemical Safety Assessment

No data available.