



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 : 4-Aminomethyltetrahydropyran

REACH No. : Not available.

CAS-No.: 130290-79-8

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

Laboratory chemicals, Manufacture of substances

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

EMERGENCY OVERVIEW

Causes burns.

Potential Health Effects

Eye: Causes eye burns.

Skin: Causes skin burns.

Ingestion: Causes gastrointestinal tract burns.

Inhalation: Causes chemical burns to the respiratory tract.

Chronic: Chronic exposure may cause effects similar to those of acute exposure.

★ SECTION 3: Composition/information on ingredients

Synonym: 4-(Aminomethyl)tetrahydro-2H-pyran

Formula: C₆H₁₃NO



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Molecular Weight: 115.17

CAS-No.: 130290-79-8

EC-No.:

★ SECTION 4: First aid measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed.

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: If swallowed, do NOT induce vomiting. Get medical aid immediately.

If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

Notes to Physician:

Treat symptomatically and supportively.

★ SECTION 5: Firefighting measures

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

Use foam, dry chemical, or carbon dioxide.

★ SECTION 6: Accidental release measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

★ SECTION 7: Handling and storage



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Handling: Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Use only in a chemical fume hood. Discard contaminated shoes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

★ SECTION 8: Exposure controls/personal protection

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 130290-79-8: Personal Protective Equipment Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

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.

★ SECTION 9: Physical and chemical properties

Physical State: Liquid

Color: Colorless

Odor: Amine-like.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: 75 - 76 deg C @18mmHg

Freezing/Melting Point: Not available.

Autoignition Temperature: Not available.

Flash Point: Not available.

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature:

Solubility in water:

Specific Gravity/Density:

Molecular Formula: C6H13NO



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Molecular Weight: 115.18

★ SECTION 10: Stability and reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials: Acid chlorides, reducing agents, strong oxidizing agents, strong acids.

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

★ SECTION 11: Toxicological information

RTECS#: CAS# 130290-79-8 unlisted.

LD50/LC50: Not available.

Carcinogenicity: 4-Aminomethyltetrahydropyran - Not listed by ACGIH, IARC, or NTP.

★ SECTION 12: Ecological information

Ecotoxicity:

Fish: Pseudomonas putida:

★ SECTION 13: Disposal considerations

Dispose of in a manner consistent with federal, state, and local regulations.

★ SECTION 14: Transport information

IATA

Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

UN Number: 2735

Packing Group: III

IMO

Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.



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RID/ADR
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Hazard Class: 8
UN Number: 2735
Packing group: III

★ SECTION 15: Regulatory information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: C

Risk Phrases:

R 34 Causes burns.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)

CAS# 130290-79-8: No information available.

Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 130290-79-8 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 130290-79-8 is not listed on the TSCA inventory.

It is for research and development use only.