

SAFETY DATA SHEET

FORMAMIDE

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179
Emergency Telephone No.: 1-905-466-3832
Chemical Name: Formamide
Catalog Number: FOR001/FOR002

SECTION 2 HAZARDS IDENTIFICATION

GHS: Classification:

Carcinogenicity (Category 2)
Reproductive toxicity (Category 1B)
Specific target organ toxicity - repeated exposure, Oral (Category 2), Blood,

Pictogram:



Signal word: DANGER

Hazard statement:

H351 Suspected of causing cancer.
H360 May damage fertility or the unborn child.
H373 May cause damage to organs (Blood) through prolonged or repeated exposure if swallowed.

Precautionary statement:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P405 Store locked up.

Potential Health Effects

Eyes: May cause eye irritation.
Skin: May cause skin irritation.
Inhalation.. May be harmful if inhaled
Ingestion: Harmful if swallowed tract.

CHRONIC HEALTH HAZARDS: no information found

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Formamide	75-12-7	100%

Molecular Formula: CH₃NO
Molecular Weight: 45.04

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes. GET MEDICAL AID.
Skin: Flush area immediately with plenty of soap and water while removing contaminated clothing and shoes..
Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen . GET MEDICAL ATTENTION.
Ingestion: Drink two glasses of water.. GET MEDICAL ATTENTION .

SECTION 5 FIRE FIGHTING MEASURES

Flammable: No
Flash Point: N/A
Autoignition Temperature: N/A
Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.
Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container.
Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.
Storage Conditions: Room temperature.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: Canada TWA 10ppm, 18mg/m³
Use adequate ventilation. AVOID spills.
Wear appropriate protective equipment to prevent eye and skin exposure.
Wear appropriate respirator to prevent lung irritation.
Personal Protection: Lab coat, safety goggles, rubber gloves.
Ventilation: Local exhaust systems. Use fume hood
Respiratory protection: use OSHA/MSHA approved respirator.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid
Appearance and Odor: clear, water white, pungent odor.
Freezing/Melting Point: 2-3° C
Boiling Point: 210° C
Specific Gravity: N/A
Vapor Density: 1.6
Vapor pressure: 0.06 mm Hg
Evaporation rate: <1.0
Water Solubility: yes
pH: 7.1 (0.5M aq soln)

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal conditions of pressure and temperature
Conditions to avoid: heat.
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: carbon and nitrogen oxides
Hazardous Polymerization: Will not occur

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50: oral, rat: 5577mg/kg
LD50, Inhalation, rat: >3900 ppm/6H
LD50,oral, mouse: 3150 mg/kg

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: May damage unborn child
Neurotoxicity: No data available
Mutagenicity: data shows some germ cell mutagenicity
Carcinogenicity: Suspected of causing cancer

SECTION 12 ECOLOGICAL INFORMATION

No information found.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Information:
NOT REGULATED

SECTION 15 REGULATORY INFORMATION

US : TSCA: not listed
European/International: N/A
Canada: WHMIS: **D2B**

SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)
Date Prepared: Jan 1/2025
Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.
Observe all federal, provincial and state laws concerning health, safety and pollution.