

SAFETY DATA SHEET

ACRIFLAVINE

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: Acriflavine
Catalog Number: ARI333

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:
Not hazardous according to GHS.

Potential Health Effects

Target Organs: none

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: may cause irritation. The toxicological properties of this substance have not been fully investigated.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

CHRONIC HEALTH HAZARDS: no information found

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Acriflavine Monohydrate	8048-52-0	98+

Molecular Formula: C₁₄H₁₄ClN₃

Molecular Weight: 259.7

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes.

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: Wash mouth with 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: none listed

Use adequate ventilation. AVOID DUST GENERATION.

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.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Appearance and Odor: No odor

Freezing/Melting Point: N/A

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Solubility: soluble

pH: N/A

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal temperatures and pressure

Conditions to avoid: generation of dust.

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: carbon monoxide, carbon dioxide, nitrogen oxide.

Hazardous Polymerization: Will not occur

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

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LD50 / LC50:
Not available

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: No data available
Neurotoxicity: No data available
Mutagenicity: No data available
Carcinogenicity: Not listed by ACGIH, IARC, NTP, or OSHA

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: listed
European/International: N/A
Canada: WHMIS: **not controlled**

SECTION 16 ADDITIONAL INFORMATION

Hazard Rating System			
NFPA	Health	Fire	Reactivity
	1	0	0

Prepared By: M.Kierdelewicz (President)
Date Prepared: Dec 29/2021
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Observe all federal, provincial and state laws concerning health, safety and pollution.