



9620 Medical Center Drive
Rockville, MD 20850, USA
www.abpbiotech.com.cn

Material Safety Data Sheet

Section 1 Product and Company Identification

Product number: A011
Product name: 5-bromo-2'-deoxyuridine
Unit Size: 50 mg
Manufacturer/Supplier: ABP Biosciences Inc
9620 Medical Center Drive, Rockville, MD 20850, USA
Web: www.abpbiotech.com.cn

Section 2 Hazardous Ingredients/Identity Information

Chemical Name	CAS-No	EINECS-No	Weight %
5-bromo-2'-deoxyuridine	59-14-3	-	60-100

Section 3 Physical and Chemical Properties

Form Solid
Appearance No information available
Odor No information available
Boiling point No data available
Melting point 191-194°C
Flash point No data available
Autoignition temperature No data available
Oxidizing properties No information available
Water solubility Soluble

Section 4 Potential Health Hazard Effects

Eyes May cause eye irritation with susceptible persons.
Skin May cause skin irritation in susceptible persons.
Inhalation May be harmful by inhalation.
Ingestion May be harmful if swallowed.
Carcinogenic effects not applicable.
Reproductive toxicity not applicable.
Sensitization not applicable.

Section 5 Stability and Reactivity Data

Stability Stable under normal conditions.
Materials to avoid No information available.
Hazardous decomposition No information available.
Polymerization Hazardous polymerization does not occur.

Section 6 Toxicological and Ecological Information



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Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
5-bromo-2'-deoxyuridine	No data available	No data available	No data available

Ecotoxicity effects No information available.
Mobility No information available.
Biodegradation Inherently biodegradable.
Bioaccumulation Does not bioaccumulate

Section 7 Handling and Storage

Handling Always wear recommended Personal Protective Equipment. No special handling advice required.
Storage Keep in a dry, cool and well-ventilated place.

Section 8 First Aid Measures

Skin contact Rinse with plenty of water. If symptoms arise, call a physician.
Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Inhalation Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Section 9 Disposal Considerations

Dispose of in accordance with local regulations.

Section 10 Other Information

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

End of Material Safety Data Sheet