



Material Safety Data Sheet

Section 1 Product and Company Identification

Product number: A041
Product name: 5X Annexin V Binding Buffer
Unit Size: 50 mL
Manufacturer/Supplier: ABP Biosciences Inc
9620 Medical Center Drive, Rockville, MD 20850, USA
Web: www.abbiotech.com.cn

Section 2 Hazardous Ingredients/Identity Information

Chemical Name	CAS-No	EINECS-No	Weight %
HEPES	-	-	0-1

Section 3 Physical and Chemical Properties

Form Liquid
Appearance No information available
Odor No information available
Boiling point No data available
Melting point No data available
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 Irritating to eyes.
Skin Irritating to skin.
Inhalation May cause irritation of respiratory tract.
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 Acid chlorides, strong acids, strong oxidizing agents.
Hazardous decomposition Carbon oxides, sulphur oxides.
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)
HEPES	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