



9620 Medical Center Drive  
Rockville, MD 20850, USA  
[www.abpbiotech.com.cn](http://www.abpbiotech.com.cn)

## Material Safety Data Sheet

### Section 1 Product and Company Identification

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**Product number:** C026  
**Product name:** Calcein, AM, 1 mg/mL in DMSO  
**Unit Size:** 500 µL  
**Manufacturer/Supplier:** ABP Biosciences Inc  
9620 Medical Center Drive, Rockville, MD 20850, USA  
Web: [www.abpbiotech.com.cn](http://www.abpbiotech.com.cn)

### Section 2 Hazardous Ingredients/Identity Information

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Chemical Name	CAS-No	EINECS-No	Weight %
Calcein, AM	148504-34-1	-	0.1-1.0

### Section 3 Physical and Chemical Properties

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<b>Form</b>	liquid
<b>Appearance</b>	No information available
<b>Odor</b>	No information available
<b>Boiling point</b>	No data available
<b>Melting point</b>	No data available
<b>Flash point</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Oxidizing properties</b>	No information available
<b>Water solubility</b>	Low

### Section 4 Potential Health Hazard Effects

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

### Section 5 Stability and Reactivity Data

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<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	No information available.
<b>Hazardous decomposition</b>	No information available.
<b>Polymerization</b>	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)
Calcein, AM	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

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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

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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

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Dispose of in accordance with local regulations.

## Section 10 Other Information

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

**End of Material Safety Data Sheet**