



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:** A055  
**Product name:** CellCycle™ Ruby Stain  
**Unit Size:** 100 assays  
**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 %
DMSO	67-68-5	200-664-3	80-100

### Section 3 Physical and Chemical Properties

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**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

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**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

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**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)
DMSO	14500 mg/kg (Rat)	No data available	No data available

<b>Ecotoxicity effects</b>	No information available.
<b>Mobility</b>	No information available.
<b>Biodegradation</b>	Inherently biodegradable.
<b>Bioaccumulation</b>	Does not bioaccumulate

## Section 7 Handling and Storage

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

## Section 8 First Aid Measures

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