



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

Material Safety Data Sheet

Section 1 Product and Company Identification

Product number: A048
Product name: JC-1 Mitochondrial Membrane Potential Detection Kit
Unit Size: 100 assays
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 %
DMSO (component A)	67-68-5	200-664-3	80-100
DMSO (component B)	67-68-5	200-664-3	80-100

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.



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Section 6 Toxicological and Ecological Information

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

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