

**Section 1 Identification of the Substance**

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Product number: D016

Product name: DNA Loading Buffer (6X)

**Section 2 Hazardous Ingredients/Identity Information**

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Chemical Name	CAS-No	EINECS-No	Weight %
DNA Loading Buffer	N/A	-	0.1-1

**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	No information available

**Section 4 Potential Health Hazard Effects**

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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**

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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)
DNA Loading Buffer	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.



## Material Safety Data Sheet

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### 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**