



ZYMO RESEARCH
The Beauty of Science is to Make Things Simple

Material Safety Data Sheet

Zymo Research advises each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS.

To promote safe handling, each customer or recipient should: (1) notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this MSDS and any other information regarding hazards or safety; (2) furnish this same information to each of its customers for the product; and (3) request its customers to notify their employees, customers, and other users of the product of this information.

Section 1 – Product and Company Information

Reagent/Buffer Name: Prep Solution (DNase/RNase-Free)
Catalog Number: D6035-1-30

Company: Zymo Research Corp.
Street Address: 17062 Murphy Ave.
City, State, Zip Code, Country: Irvine, CA 92614 US
Phone: 949-679-1190
Fax: 949-266-9452

Section 2 – Ingredient Information/Composition

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous Components Name	CAS #	Formula	Concentration
N/A	N/A	N/A	N/A

According to the OSHR 29 CFR§1910_1200, a mixture that contains less than one percent by weight or volume of a non-carcinogenic hazardous component is not considered hazardous, unless there is evidence to the contrary. We do not consider this product to be hazardous; however we recommend the use of gloves, lab coats and eye protection when working with these or any chemical reagents.

Section 3 – Hazard Identification

Not applicable.

Section 4 – First Aid Measures

In Case of
Eye Contact: Not applicable.
Skin Contact: Not applicable.
Ingestion: Not applicable.
Inhalation: Not applicable.

Section 5 – Fire Fighting Measures

Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.
Special Fire Fighting Procedures:	No special measures required.

Section 6 – Accidental Release Measures

Non-hazardous material. Clean up of spills requires no special equipment or procedures.

Section 7 – Handling and Storage

Handling:	No special requirements.
Storage:	No special requirements.

Section 8 – Exposure Controls / Personal Protection

No special precautions required.

Section 9 – Physical and Chemical Properties

Physical States / Form:	Liquid
Color:	Colorless
Boiling Point:	100°C (212°F)
Melting Point:	0°C (32°F)
Solubility In Water:	soluble

Section 10 – Stability and Reactivity

Stability:	Stable
Substances To Be Avoided:	None
Hazardous, Combustion, Or Decomposition Products:	None

Section 11 – Toxicological Information

Acute Effects	
Inhalation:	N/A
Eye Contact:	N/A
Skin Contact:	N/A
Ingestion:	N/A
Prolonged Exposure:	N/A
Chronic Effects:	N/A

Section 12 – Ecological Information

No information available.

Section 13 – Disposal Considerations

If material becomes contaminated during use, dispose of accordingly. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14 – Transport Considerations

No information available.

Section 15 – Regulatory Information

No information available.

Section 16 – Other Information

The above information is believed to be correct, but does not purport to be all-inclusive and should be used only as a guide. Zymo Research shall not be held liable for any damage or other consequences resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Zymo Research be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Zymo Research has been advised or the possibility of such damages. All materials supplied by Zymo Research Corp are intended to be used by trained professionals and are for research use only.



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Section 1 – Product and Company Information

Reagent/Buffer Name: Silicon-A™ -HRC Plates
Catalog Number: C2009

Company: Zymo Research Corp.
Street Address: 17062 Murphy Ave.
City, State, Zip Code, Country: Irvine, CA 92614 US
Phone: 949-679-1190
Fax: 949-266-9452

Section 2 – Ingredient Information/Composition

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous Components Name	CAS #	Percent
Proprietary Information	N/A	10%

Section 3 – Hazard Identification

Hazard Description: Avoid contact and inhalation.

NFPA Ratings (scale 0 - 4) :
Health = 1
Fire = 0
Reactivity = 0

HMIS Ratings (scale 0 – 4) :
Health = 1
Fire = 0
Reactivity = 0

Section 4 – First Aid Measures

In case of

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Consult a doctor if symptoms persist.

Skin Contact: Immediately wash with soap and water and rinse thoroughly.

Inhalation: If inhaled, remove to fresh air. If breathing becomes difficult, get medical attention immediately.

Ingestion: Wash out mouth with water provided person is conscious. Get medical attention immediately.

Section 5 – Fire Fighting Measures

Fire Fighting Media: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 – Accidental Release Measures

Procedure(s) Of Personal Precaution(s) : Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods For Cleaning Up: Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7 – Handling and Storage

Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Keep container tightly closed.

Section 8 – Exposure Controls / Personal Protection

General Protective Measures: Avoid contact with eyes and skin. Immediately remove all soiled and contaminated clothing. Wash hands regularly.

Personal Protection Equipment: Splash goggles. Lab coat. Gloves. Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Section 9 – Physical and Chemical Properties

Physical State And Appearance: Fluid

Color: White

Boiling Point: Not available

Melting Point: Not available

Flash Point: Not applicable

pH: Not available

Auto Igniting: Not available

Danger of Explosion: Not available

Density: Not available

Solubility: Not available

Solvent Content: Not available

Section 10 – Stability and Reactivity

Stability:	Stable
Hazardous/Dangerous Decomposition Products:	Carbon monoxide, Carbon dioxide, Nitrogen oxides.
Hazardous Polymerization:	Will not occur

Section 11 – Toxicological Information

Route Of Exposure:	Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Ingestion: May be harmful if swallowed.
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Section 12 – Ecological Information

Not available

Section 13 – Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

Section 14 – Transport Considerations

DOT:	Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.
IATA:	Non-Hazardous for Air Transport: Non-hazardous for air transport

Section 15 – Regulatory Information

US Classification and Label Text

US Statements: Caution: Avoid contact and inhalation.

United States Regulatory Information

SARA LISTED: No

EU Additional Classification

S: 22-24/25

Safety Statements: Do not breathe dust. Avoid contact with skin and eyes.

Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

Section 16 – Other Information

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