

Material Safety Data Sheet Biological Material

1. Chemical Product & Company Identification

MSDS Name:	Biological Material
Synonymes:	Not known
Reach Registration No.:	Not required
Company Identification:	Davids Biotechnologie GmbH Röntgenstraße 3 93055 Regensburg Germany http://www.davids-bio.de
Phone Number:	++49 (0)941 948228
Usage:	For research use only

Not for diagnostic or therapeutic use. Not for human use. For research purposes only. This product is not a medical device. Not for use in in vitro diagnostic procedure for clinical diagnosis. Custom tests must be done to determine the ability for a specific use.

2. Composition & Information on Ingredients

This product contains material from animal origin. For this reason, the product is potentially biohazardous. Please wear protection when you work with these antibodies.

All chemicals are potentially dangerous and should only be handled by trained personnel. Material from animals may cause allergic reactions.

This product is a mixture within the meaning of the regulation (EG) 1907/2006

3. First Aid Measures

General hints:	Remove soiled or dirty clothes immediately
In case of inhalation:	Remove to fresh air. Get immediate medical attention.
In case of skin contact:	Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
In case of eye contact:	Hold eyelids apart and flush eyes with plenty of water. Have eyes examined and tested by medical personnel.
In case of ingestion:	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
Important symptoms and effects, both acute and delayed:	
	No data available
Indication of any immediate medical attention and special treatment needed:	
	No data available

4. Fire Fighting Measures

Extinguishing Media:	Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Use water spray to cool fire-exposed containers.
Unsuitable Extinguishing Media:	A solid water stream may be inefficient.
Autoignition Temperature:	No data available
Flash Point:	No data available
Explosion Limits: Lower:	No data available
Explosion Limits: Upper:	No data available
NFPA Rating:	No data available
Fire Fighting Instructions:	As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
Additional Information:	Do not allow extinguishing water to get into surface water or groundwater.

5. Accidental Release Measures

Protective precautions, protective equipment and emergency procedures:	Avoid raising and breathing dust, and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).
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Environmental precautions: Take steps to avoid release into the environment, if safe to do so.

Methods and material for containment and cleaning up: Contain spill and collect, as appropriate
 Transfer to a chemical waste container for disposal in accordance with local regulations.

Cleaning Procedures: Cover spilled product with absorbent material (i. e. sand, silica gel, universal binder). Pick up mechanically and place in labeled and lockable containers.

6. Handling and Storage

Handling: Avoid breathing dust, fume, gas, mist, vapors or spray.

Storage: Keep container tightly closed.
 Store in accordance with information listed on the product insert.
 Provide enough product collection volume. Official directives to prevent the water from being endangered by the product must be observed.

Hazard Label Information: Avoid contact with skin and eyes.
 Do not reuse this container.
 Use with adequate ventilation.
 Wash thoroughly after handling.

7. Exposure Controls, Personal Protection

Protective Equipment Summary – Hazard Label Information: Compatible chemical-resistant gloves, discard after one use
 Eye wash station in work area
 Lab coat
 Safety glasses
 Safety shower in work area
 Vent Hood

Engineering Controls (Ventilation etc): Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Eye Protection: Safety glasses

Protective Gloves: Compatible chemical-resistant gloves

Other Protective Clothing: Lab coat

Respiratory Equipment (Specify Type): NIOSH approved respirator, as conditions warrant.

Work, Hygienic and Maintenance Practices: Do not take internally
 Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
 Wash thoroughly after handling.

Environmental Exposure Controls: No data

8. Physical & Chemical Properties

Physical State:	liquid
Colour:	Not available
Odour:	Not available
pH:	Not available
Vapour Pressure:	Not available
Vapour Density:	Not available
Evaporation Rate:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not available
Specific Gravity/Density:	Unknown
Molecular Formula:	Unknown

9. Stability & Reactivity

Reactivity:	No data available
Chemical Stability:	Stable
Conditions to Avoid:	Excess heat
Incompatibilities with other materials:	None reported
Hazardous Decomposition Products:	None reported
Hazardous Polymerization:	Has not been reported

10. Toxicological Information

Information on Toxicological Effects:	The toxicological effects of this product have not been thoroughly studied.
Chronic Toxicological Effects:	No data available
Toxicity LD ₅₀ :	No data available
Acute oral toxicity:	No data available
Acute inhalation toxicity:	No data available
Acute dermal toxicity:	No data available
Acute toxicity (other ways):	No data available
Corrosive Effect:	No data available
Skin irritation:	No data available
Eye irritation:	No data available
Sensitization:	No data available
Specific target organ toxicity (one time exposure):	No data available
Specific target organ toxicity (repeated exposure):	No data available

11. Ecological Information

Toxicity:	Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.
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12. Disposal Considerations

Waste Disposal Method:	Dispose in accordance with local, state, and federal regulations.
Contaminated Packaging:	Uncleaned empty containers are to be treated like the ingredients

13. Transport Information

Land Transport (US DOT)	
DOT Proper Shipping Name:	Not regulated.
Land Transport (European ADR/RID)	
ADR/RID Shipping Name:	Not regulated.
AIR TRANSPORT (ICAO/IATA)	
ICAO/IATA Shipping Name:	Not regulated.
Additional Transport Information:	Transport in accordance with local, state, and federal regulations
Precautions for user:	Use personal protective gear
Additional declarations:	No dangerous goods. Please separate product from food and beverage.

14. Regulatory Information

European/International Regulations:	
European Labeling in Accordance with EC Directives	
Hazard Symbols:	Not available
Risk Phrases:	Not available
Safety Phrases:	Not available
Water Hazard Class:	WGK 1 (Slightly hazardous to water)
Protective Measures:	TRGS 500 Protective Measures (minimum standards)

15. Further Information

MSDS Creation Date: 11/07/2006

Revision Date: 02/08/2021

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The information in this data sheet represents the best information that is currently available to us. However we make no warranty of merchantability or any other warranty, express or implied. The person who uses the substances should make their own investigations to determine the suitability of the information for their own use. The company is in no event liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages arising, even if the company has been advised of the possibility of such damages.