

Material Safety Data Sheet



Goat Anti-Rat, HRP

www.davids-bio.com (Custom Antibodies)

www.davids-science.de (Lab Material)

- 1 - Chemical Product & Company Identification

MSDS Name:	Goat Anti Rat HRP
Catalog Number(s):	20.0301
Synonyms:	Not known
EC Number:	N/A
CAS Number:	N/A
REACH:	The substance does not have a registration number. The annual amount does not require a registration.
Company Identification:	Davids Biotechnologie GmbH Röntgenstraße 3 93055 Regensburg Germany http://www.davids-bio.com
Phone Number:	++49 (0)941 948228

1.2 Identified Uses

Laboratory chemicals, Manufacture of substances

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

2.1 Classification according to Regulation (EC) No 1272/2008

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008.

2.2 Labelling according to Regulation (EC) No 1272/2008

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2.3 Other hazards

The substance or mixture does not contain components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

- 3 - Composition & Ingredients

Synonyms:	Secondary Goat Anti-Rat Antibody, HRP
CAS No:	N/A
EC No:	N/A
Index No.:	N/A

Hazardous Component	CAS No	Concentration	EC No	Risk Phrases	RTECS No
Polyclonal Antibodies from goat (Antiserum), Affinity purified, HRP conjugated	N/A	99.99 %	NA	No phrases apply	NA
Thymol	89-83-8	< 0.01%	1272/2008	H: 302, 314, 411 P:260, 273, 280 P301+312 P303+P361+P353 P305+P351+P338	

For further information refer to H-Statements.

- 4 - First Aid Measures

General:	The first aiders need to protect themselves. Show this safety datasheet to the doctor in attendance. Call a specialist for poison treatment.
In case of inhalation:	After inhalation: fresh air. If the person is not breathing give artificial air. Call in physician.
In case of skin contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower.
In case of eye contact:	Rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.
In case of swallowing:	Rinse mouth with water. Consult a physician.

Important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: No data available

- 5 - 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.

- 6 - Accidental Release Measures

Protective precautions, protective equipment and emergency procedures: Avoid the contact with eyes, skin or clothes. Do not breath vapour or spray. 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). Evacuate the danger area, observe emergency procedures and consult and expert.

Environmental precautions: Take steps to avoid release into the environment, if safe to do so.

Methods and material for containment and cleaning up: Cover drains. Contain spill and collect carefully, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations. Clean up affected area and avoid generation of dusts. Ventilate affected area.

- 7 - Handling and Storage

Handling: Work under hood. Do not inhale the substance/mixtures.
Avoid breathing dust, fume, gas, mist, vapors or spray.

Avoid prolonged or repeated exposure.

Hygiene Measures:

Change contaminated clothes immediately.
Wash hands and face after working with the substance.
Apply preventive skin protection.
Refer to section 2 for precautions.

Storage:

Keep container tightly closed and dry.
Store the container locked in an area accessible only to qualified persons.
Store in accordance with information listed on the product insert.

Storage Class:

No data available

Hazard Label Information:

Avoid contact with skin and eyes.

Do not reuse this container.

Use with adequate ventilation.

Wash thoroughly after handling.

- 8 - Exposure Controls, Personal Protection

Protective Equipment Summary – Compatible chemical-resistant gloves

Hazard Label Information:

Eye wash station in work area
Lab coat
Safety glasses
Safety shower in work area
Vent Hood

Eye Protection:

Safety glasses with side protection. Use equipment tested and approved under appropriate government standards like NIOSH (US) or EN 166 (EU).

Protective Gloves:

Compatible chemical-resistant gloves. Material: Nitrile rubber. Layer thickness: > 0,11 mm. Break Through Time: 480 min. This recommendation applies only to the substance provided by us. When the substance is dissolved or mixed, please contact your supplier of CE-approved gloves.

Other Protective Clothing:

Lab coat

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Respiratory Equipment

(Specific Type): NIOSH approved respirator, as conditions warrant. P95 (US) or type P1 (EU EN 143) particle respirator. For higher protection level use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.

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: Do not let the product enter drains.

- 9 - Physical & Chemical Properties

Physical State:	Liquid
Colour:	colorless
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:	Soluble at room temperature
Specific Gravity/Density:	Unknown
Molecular Formula:	Unknown

- 10 - Stability & Reactivity

Reactivity:	No data available
Chemical Stability:	The product shall not be exposed to UV-radiation, sunlight, direct light and direct heat.
Conditions to Avoid:	Excess heat, exposure to air, moisture
Incompatibilities with other materials:	Strong oxidizing agents

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Hazardous Decomposition

Products: No data available

Hazardous Polymerization: No data available

- 11 - Toxicological Information

The toxicological property of this product is not investigated thoroughly. You must handle it as potential toxic.

Acute oral toxicity: No data available

Acute inhalation toxicity: No data available

Acute dermal toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity

(Single exposure): No data available

Specific target organ toxicity

(Repeated exposure): No data available

Aspiration hazard: No data available

This product may cause allergy or asthma symptoms or breathing difficulties if inhaled. It further may cause an allergic skin reaction if exposed to skin.

- 12 - Ecological Information

Toxicity: Avoid release into the environment.

Runoff from fire control or dilution water may cause pollution.

PBT and vPvB results: This substance does not contain any components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

- 13 - Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Leave chemicals in original containers. No mixing with other waste,
Uncleaned empty containers are to be treated like the ingredients.
Notice Directive on waste 2008/98/EC

- 14 - Transport Information

UN Number:

ADR/RID: NA

IMDG: NA

IATA: NA

UN proper shipping name:

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

- 15 - Regulatory Information

European/International Regulations:

This material safety data sheet complies with the requirement of Regulation (EC) No. 1907/2006. European Labeling in Accordance with EC Directives

Take note of Directive 94/33/EC on the protection of young people at work.

No chemical safety assessment was carried out for this product.

- 16 - Further Information

MSDS Creation Date: 09/02/2024

Revision Date: -

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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

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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.