

Material Safety Data Sheet Goat Anti-Human (IgY H+L) HRP


1. Chemical Product & Company Identification

MSDS Name:	Goat Anti-Human (IgY H+L) HRP
Catalog Number:	20.0510.02
Synonymes:	Not known
Reach Registration No.:	Not required
Reach No:	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.de
Phone Number:	++49 (0)941 948228

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

Hazardous Components	CAS No	Concentration	EC No	Risk Phrases	RTECS No
Polyclonal Antibodies from goat (Antiserum), Affinity Purified, HRP conjugated	NA	99.99%	NA	No phrases apply	NA
Thymol 	89-83-8	<0.01%	1272/200 8	H: 302, 314, 411 P: 260, 273, 280 P301+312, P303+P361+P353 P305+P351+P338	

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

3. First Aid Measures

In case of inhalation:	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
In case of skin contact:	Immediately wash skin with soap and plenty of water for at least 20 minutes. 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 for at least 20 minutes. 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.

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).
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.

6. Handling and Storage

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

Storage: Keep container tightly closed.
 Store in accordance with information listed on the product insert.

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

Hazardous Components Chemical Name	Cas No	ACGIH TWA	Britain EH40	OSHA PEL	Europe	France VL	Other Limits
Polyclonal Antibodies from goat (Antiserum), Affinity Purified, HRP conjugated	NA	No data	No data	No data	No data	No data	No data
Thymol	89-83-8	No Data	No Data	No data	No data	No data	No data

Protective Equipment Summary – Hazard Label Information: Compatible chemical-resistant gloves
 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:	
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

Hazardous Components	Cas No	NTP	IARC	ACGIH	OSHA
Chemical Name					
Polyclonal Antibodies from goat (Antiserum), Affinity Purified, HRP conjugated	NA	NA	NA	NA	NA
Thymol	89-83-8	NA	NA	A4	NA

Toxicity LD₅₀:

Hazardous Components	LC ₅₀ : static test (fish)	ErC ₅₀ : (algae)	LD ₅₀ : inhalation, rat/mouse
Chemical Name			
Polyclonal Goat Antibody	NA	NA	NA
Thymol	3,2 mg/l – 96 h (US-EPA)	14 mg/l – 72 h (OECD Test	NA

P310 Immediately call a POISON CENTER or doctor/physician

US EPA SARA Title III

Hazardous Components	Cas No	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
Chemical Name					
Polyclonal Antibodies from goat (Antiserum), Affinity Purified, HRP conjugated	NA	No	No	No	No
Thymol	89-83-8	NA	NA	NA	NA

Other US EPA or State Lists

Hazardous Components	Cas No	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
Chemical Name					
Polyclonal Antibodies from goat (Antiserum), Affinity Purified, HRP conjugated	NA	No	No	No	No
Thymol	89-83-8	NA	NA	NA	NA

Safety Health and Environmental Information:

National Legislation:

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: ENVIRONMENTAL HAZARDS

Other regulations:

Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.

Chemical Safety Assessment:

No chemical safety assessment was carried out for this product.

15. Further Information

MSDS Creation Date: 10/09/2010
 Revision Date: 03/06/2022

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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.