

SAFETY DATA SHEET

# Exazym® Antibody HRP

## SECTION 1: IDENTIFICATION

### 1.1. Product identifier

*Trade name:* Exazym® Antibody HRP  
*Product no.:* 20-2009-00

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:* None known.  
 Restricted to professional and industrial use.  
*Uses advised against :* None known.

### 1.3. Details of the supplier of the safety data sheet

*Company and address:* **Cavidi AB**  
 Virdings Allé 2  
 SE-754 50 Uppsala  
 Sweden  
 +46 707380729  
  
*Contact person:* Cavidi AB  
*E-mail:* support@cavidi.se  
*SDS date:* 4/13/2026  
*SDS Version:* 1.0

### 1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (triage.webpoisoncontrol.org) to get specific guidance for your case  
 See also section 4 "First aid measures".

## SECTION 2: HAZARD(S) IDENTIFICATION

### 2.1. Classification of the substance or mixture

Not classified according to HCS (29 CFR 1910.1200)

### 2.2. Label elements

*Hazard pictogram(s):* Not applicable.  
*Signal word:* Not applicable.  
*Hazard statement(s):*  
*Precautionary statement(s):*  
*General:* Not applicable.

<i>Prevention:</i>	Not applicable.
<i>Response:</i>	Not applicable.
<i>Storage:</i>	Not applicable.
<i>Disposal:</i>	Not applicable.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable. This product is a mixture.

#### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one	CAS No.: 55965-84-9	<0.01%	, Corrosive to the respiratory tract Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Acute Tox. 4, H332	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

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### SECTION 4: FIRST-AID MEASURES

#### 4.1. Description of first aid measures

<i>General information:</i>	If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
<i>Inhalation:</i>	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
<i>Skin contact:</i>	Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and

<i>Eye contact:</i>	soap. Skin cleanser can be used. DO NOT use solvents or thinners. If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.
<i>Ingestion:</i>	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
<i>Burns:</i>	Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

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**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

**5.3. Advice for firefighters**

No specific requirements.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

No specific requirements.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local

regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

**7.2. Conditions for safe storage, including any incompatibilities**

No special conditions required.

*Recommended storage material:* Always store in containers of the same material as the original container.

*Storage conditions:* No specific requirements.

*Incompatible materials:* Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No substances are listed with a permissible exposure limit (ref: 29 CFR 1910.1000 TABLE Z-1)

**8.2. Exposure controls**

Apply general control to prevent unnecessary exposure

*General recommendations:* Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:* There are no exposure scenarios implemented for this product.

*Exposure limits:* Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:* Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:* In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:* No specific requirements.

## Individual protection measures, such as personal protective equipment

*Generally:* Use only protective equipment with a recognized certification mark, e.g. the UL mark.


*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				


*Skin protection:*

No specific requirements.

*Hand protection:*

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,2	> 480	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
Safety glasses with side shields.	EN166	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:* Solution

*Color:* No data available.

*Odor:* No data available.

*Odor threshold (ppm):* No data available.

*pH:* No data available.

*Density (g/cm<sup>3</sup>):* No data available.

*Kinematic viscosity:* No data available.

*Particle characteristics:* No data available.

### Phase changes

*Melting point/freezing point (°F):* No data available.

*Boiling point (°F):* No data available.

*Vapor pressure:* No data available.

*Relative vapor density:* No data available.

*Decomposition temperature (°F):* No data available.

### Data on fire and explosion hazards

*Flash point (°F):* No data available.

*Flammability (°F):* No data available.

*Auto-ignition temperature (°F):* No data available.

*Explosion limits (% v/v):* No data available.

### Solubility

*Solubility in water:* No data available.

*n-octanol/water coefficient (LogKow):* No data available.

*Solubility in fat (g/L):* No data available.

### 9.2. Other information

*Other physical and chemical parameters:* No data available.

*Oxidizing properties:* No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

**Respiratory sensitisation**

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

None known.

**Other information**

None known.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**12.1. Toxicity**

Based on available data, the classification criteria are not met.

**12.2. Persistence and degradability**

Based on available data, the classification criteria are not met.

**12.3. Bioaccumulative potential**

Based on available data, the classification criteria are not met.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. Other adverse effects**

None known.



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

**SECTION 13: DISPOSAL CONSIDERATIONS**

**RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)**

None of the components are listed

**Specific labelling**

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: TRANSPORT INFORMATION**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
DOT	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

**Additional information**

Not dangerous goods according to DOT, IATA and IMDG.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to IMO instruments**

No data available.

**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. U.S. Federal regulations**

*TSCA (the non-confidential portion):* Disodium hydrogenorthophosphate (Na2HPO4) is listed

*Clean Air Act:* None of the components are listed

*EPCRA Section 302:* None of the components are listed

*EPCRA Section 304:* None of the components are listed

*EPCRA section 313:* None of the components are listed

*CERCLA:* Disodium hydrogenorthophosphate (Na2HPO4) is regulated with a Reportable Quantity (RQ) of: 5000 pounds

*Hazardous chemical inventory reporting:*

**15.3. State regulations**

<i>California / Prop. 65:</i>	None of the components are listed
<i>Massachusetts / Right To Know Act:</i>	Disodium hydrogenorthophosphate (Na <sub>2</sub> HPO <sub>4</sub> ) is listed
<i>New Jersey / Right To Know Act:</i>	Disodium hydrogenorthophosphate (Na <sub>2</sub> HPO <sub>4</sub> ) / Substance number: 1723
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<i>New York / Right To Know Act:</i>	Disodium hydrogenorthophosphate (Na <sub>2</sub> HPO <sub>4</sub> ) is listed Disodium hydrogenorthophosphate (Na <sub>2</sub> HPO <sub>4</sub> ) is regulated with a Reportable Quantity (RQ) of: 5000 pounds Disodium hydrogenorthophosphate (Na <sub>2</sub> HPO <sub>4</sub> ) is regulated with a Treshold Reporting Quantity (TRQ) of: 100 pounds
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<i>Pennsylvania / Right To Know Act:</i>	Disodium hydrogenorthophosphate (Na <sub>2</sub> HPO <sub>4</sub> ) is listed Disodium hydrogenorthophosphate (Na <sub>2</sub> HPO <sub>4</sub> ) is hazardous to the environment (E)
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**15.4. Restrictions for application**

Restricted to professional users.

**15.5. Demands for specific education**

No specific requirements.

**15.6. Additional information**

Not applicable.

**15.7. Chemical safety assessment**

No

**15.8. Sources**

OSHA Hazard Communication Standard (29 CFR 1910.1200)

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**SECTION 16: OTHER INFORMATION**

**Full text of H-phrases as mentioned in section 3**

Corrosive to the respiratory tract, Corrosive to the respiratory tract.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H318, Causes serious eye damage.

H332, Harmful if inhaled.

**The full text of identified uses as mentioned in section 1**

None known.

**Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by  
Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods

by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogKow = logarithm of the n-octanol/water coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### **Additional information**

Not applicable.

### **The safety data sheet is validated by**

Peter Stenlund

### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

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It is recommended to hand over this safety data sheet to the actual user of the product.  
Information in this safety data sheet cannot be used as a product specification.  
Country-language: US-en