

Material Safety Data Sheet Anti-Ovalbumin


1. Chemical Product & Company Identification

MSDS Name: Anti-Ovalbumin
Catalog Number: 10.0301.05
Synonymes: Not known
Company Identification: Davids Biotechnologie GmbH
Röntgenstraße 3
93055 Regensburg
Germany
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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

Hazardous Components	CAS No	Concentration	EC No	Risk Phrases	RTECS No
Anti-Ovalbumin (mouse) EIA Standard	IgG1 NA	99.99%	NA	No phrases apply	NA
Sodium Azide Annex I Index No: 011-004-00-7	26628-22-8	<0.01%	247-852-1	H: 300-410 EUH: 032 P: 273-309-310	VY8050000



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
Anti-Ovalbumin	NA	No data	No data	No data	No data	No data	No data
Sodium Azide	26628-22-8	CEIL: 0.29 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	No data	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	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 Chemical Name	Cas No	NTP	IARC	ACGIH	OSHA
Anti-Ovalbumin	NA	NA	NA	NA	NA
Sodium Azide	26628-22-8	NA	NA	A4	NA

Toxicity LD₅₀:

Hazardous Components Chemical Name	LD ₅₀ : oral, rat/mouse	LD ₅₀ : dermal, rat/mouse	LD ₅₀ : inhalation, rat/mouse
Anti-Ovalbumin	NA	NA	NA
Sodium Azide	27 mg/kg rat	NA	NA

11. Ecological Information

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

12. Disposal Considerations

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

13. Transport Information

Land Transport (US DOT)
 DOT Proper Shipping Name: No dangerous goods.

Land Transport (European ADR/RID)
 ADR/RID Shipping Name: No dangerous goods.

AIR TRANSPORT (ICAO/IATA)
 ICAO/IATA Shipping Name: No dangerous goods.

Additional Transport Information: Transport in accordance with local, state, and federal regulations

14. Regulatory Information

European/International Regulations:
 European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases: H300 Fatal if swallowed
 H410 Very toxic to aquatic life with long lasting effects.
 EUH032 Contact with acids liberates very toxic gas.

P273 Avoid release to the environment
 P309 IF exposed or if you feel unwell:
 P310 Immediately call a POISON CENTER or doctor/physician

US EPA SARA Title III

Hazardous Components Chemical Name	Cas No	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
Anti-Ovalbumin	NA	No	No	No	No
Sodium Azide	26628-22-8	Yes 500 LB	Yes 1000 LB	Yes	No

Other US EPA or State Lists

Hazardous Components Chemical Name	Cas No	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
Anti-Ovalbumin	NA	No	No	No	No
Sodium Azide	26628-22-8	No	No	Inventory	No

15. Further Information

MSDS Creation Date: 10/09/2008
Revision Date: 08/12/2014

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.

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.