

Safety Data Sheet

GENERIC EU SDS
ACCORDING TO REGULATION (EC) NO. 1272/2008

Version 3.6
Revision Date: 2019-02-27
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NO COUNTRY SPECIFIC DATA

SECTION 1. Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier:** *IDK*[®] Biotin ELISA
Product number: KR8141
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Identified uses: Laboratory reagents.
- 1.3. Details of the supplier of the safety data sheet**
Address: Immundiagnostik AG
Stubenwald Allee 8a
64625 Bensheim
Germany
Telephone number: +49-6251-701-900
E-Mail address: info@immundiagnostik.com
- 1.4. Emergency telephone number:**
Emergency phone number: +49-6251-701-900 (8:00 a.m. - 6:15 p.m. CET)

SECTION 2. Hazards identification

- 2.1. Classification of the substance or mixture**
Product is **not classified as hazardous** according to the European Regulation 1272/2008/EC
- 2.2. Label elements**
No labeling required.
- 2.3. Other hazards**
Results of PBT and vPvB assessment
- PBT: Not applicable
- vPvB: Not applicable

SECTION 3. Composition/information on ingredients

- 3.1. Substances**
Not applicable

3.2. Mixtures

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component/ Reagent	CAS- No.	Content[%]	Classification according to Regulation (EC) No 1272/2008 [CLP]	
WASHBUF -ProClin 300-	55965-84-9	< 0.05	Skin Sens. 1	H317
CONJ -ProClin 300-	55965-84-9	< 0.05	Skin Sens. 1	H317
SAMPLEBUF -Sodium azide-	26628-22-8	< 0.1	Acute Tox. 2 Aquatic Acute 1 Aquatic Chronic1	H300 H400 H410

Component/ Reagent	CAS- No.	Content[%]	Classification according to Regulation (EC) No 1272/2008 [CLP]	
CTRL A/B -Sodium azide-	26628-22-8	< 0.1	Acute Tox. 2 Aquatic Acute 1 Aquatic Chronic1	H300 H400 H410
STD -Sodium azide-	26628-22-8	< 0.1	Acute Tox. 2 Aquatic Acute 1 Aquatic Chronic1	H300 H400 H410
WASHBUF -Triton X 100-	9002-93-1	1.0	Acute Tox. 4 Eye irritation 2 Chronic aquatic toxicity 2	H302 H318 H411
SUB -3,3',5,5'- Tetramethylbenzidine-	54827-17-7	0.02	n.d.	n.d.
STOP - Sulphuric acid -	7664-93-9	2.0	Skin Corr. 1A	H314

SECTION 4. First aid measures

4.1. Description of first aid measures

General advice

Symptoms of poisoning after swallowing may appear after hours. Therefore seek medical surveillance for at least 48 hours after an accident. Consult a doctor/physician. Show this safety data sheet to the doctor in attendance.

In case of skin contact

Wash skin with soap and plenty of water. Get medical aid.

In case of eye contact

Keep eyes open and rinse eyes thoroughly with clean water for several minutes. Get medical aid.

If swallowed

Rinse mouth with water. Do NOT induce vomiting. Consult a doctor/physician immediately

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

No data available.

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

No data available.

SECTION 5. Firefighting measures

5.1. Extinguishing media

The product itself is not flammable. Adjust fire fighting actions to the requirements of the adjacent fire.

Suitable extinguishing media:

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters:

Wear protective self-contained breathing device when appropriate.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid contact with eyes and skin.

6.2. Environmental precautions

Prevent entry into the drainage system. Dilute with plenty of water.

6.3. Methods and material for containment and cleaning up

Contain spill with adsorbent materials. Dispose contaminated material as stated in paragraph 13.

6.4. Reference to other sections

For disposal see section 13.

SECTION 7. Handling and Storage

7.1. Precautions for safe handling

Open and handle contents with caution. Avoid formation of vapors/mist and spilling.

7.2. Conditions for safe storage, including any incompatibilities

No special requirements for storage.

The unopened box should be stored at 2-8 °C.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are predetermined.

SECTION 8. Exposure controls/personal protections

8.1. Control parameters

Components with workplace control parameters

CAS-No.	Name	Mode	Value	Unit
7664-93-9	Sulphuric acid	MAK (Germany)	0.1	mg/m ³
26628-22-8	Sodium azide	MAK (Germany)	0.2	mg/m ³

8.2. Exposure controls

Appropriate engineering controls

Avoid contact with skin and eyes and clothing. Wash hands after working with this product.

Personal protective equipment

Observe general safety and hygiene precautions when handling chemicals.

Wear protective clothing; keep away from food and beverages. Wash hands after handling the product.

Eye and face protection

Wear protective goggles.

Protection of hands

Wear protective gloves.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: - The physical state (solid, liquid, gas)	Liquid or lyophilized (has no influence to the properties of the mixture)
- color	Diverse (has no influence to the properties of the mixture)
Odor	no data available
Odor threshold	no data available
pH	no data available
Melting point/ freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Relative density	no data available
Solubilities	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidising properties	no data available

9.2. Other information

No other information available.

SECTION 10. Stability and reactivity

- 10.1. **Reactivity:** Not specified.
- 10.2. **Chemical stability:** Not specified.
- 10.3. **Possibility of hazardous reactions:** Not specified.
- 10.4. **Conditions to avoid:** Not specified.
- 10.5. **Incompatible materials:** Not specified.
- 10.6. **Hazardous decomposition products:** Not specified.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute Toxicology

CAS-No.	Name	Mode	Value	Species
9002-93-1	Triton X 100	LD50 (Oral)	1800 mg/kg	Rat
26628-22-8	Sodium azide	LD50 (Oral)	27 mg/kg	Rat
54827-17-7	3,3',5,5'-Tetramethylbenzidine	LD50 (Oral)	316 mg/kg	Bird
7664-93-9	Sulphuric acid	LD50 (Oral)	2140 mg/kg	Rat
55965-84-9	ProClin 300	LD50 (Oral)	862 mg/kg	Rat

Further toxicological specificities:

Quantitative toxicological data are not available.

SECTION 12. Ecological information

- 12.1. **Toxicity:**
Toxic for water organisms.
- 12.2. **Persistence and degradability**
No information available.
- 12.3. **Bioaccumulative potential**
No information available.
- 12.4. **Mobility in soil**
No information available.
- 12.5. **Results of PBT and vPvB assessment**
No information available.
- 12.6. **Other adverse effects**
Water pollution class I (manufacturer's classification): low potential for water pollution.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Product

Do not allow entry into the drainage system. Remaining chemicals or preparations have to be disposed of as toxic waste.

Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations. Information regarding local disposal laws is available from the local authorities.

Contaminated packaging

Dispose according to local laws.

SECTION 14. Transport information

- 14.1. UN number**
Not applicable.
- 14.2. UN proper shipping name**
Not applicable.
- 14.3. Transport hazard class(es)**
Not applicable
- 14.4. Packaging group**
Not applicable.
- 14.5. Environmental hazards**
Not applicable.
- 14.6. Special precautions for user**
None.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**
Not applicable.

SECTION 15. Regulatory information

This product has been classified and labeled according to the European Regulation 1272/2008/EC.

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
No data available.
- 15.2. Chemical safety assessment**
A chemical safety assessment has not been carried out for this product.

SECTION 16. Other information

H-code(s) used in this data sheet

Signal word: Danger

Hazard statement(s)

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

This Safety data sheet has been adjusted according to COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

Disclaimer

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