



Safety Data Sheet

According to Regulation (EC) No 1907/2006/EC, Article 31

Version 03

Revision: 2025-10-27

REF

article name

BA E-3300	Melatonin ELISA
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BA E-3300R	Melatonin ELISA
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Single components with dangerous ingredients:

BA E-3380	Stop Solution
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Not listed single components contain no hazardous substances in concentrations to be declared, a labelling is not required.

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

- Product identifier
- Trade name: Stop Solution
- Article number: BA E-3380
- Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
- Application of the substance / the preparation:
laboratory reagent / Immunoassay
The product is intended for professional use.
Laborreagenz
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
LDN Labor Diagnostika Nord GmbH & Co. KG
Am Eichenhain 1
48531 Nordhorn
Germany
- Tel.: ++49-5921-8197-0
Fax.: ++49-5921-8197-201
E-Mail: support@ldn.de
- Further information obtainable from: Safety Representative
- Emergency telephone number: ++49-5921-8197-0

SECTION 2: Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

- Label elements
- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
- Hazard pictograms GHS05
- Signal word Danger
- Hazard-determining components of labelling:
sodium hydroxide
- Hazard statements
H314 Causes severe skin burns and eye damage.
- Precautionary statements

P260	Do not breathe dusts or mists.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see on this label).
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.

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· vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

- Chemical characterisation: Mixtures Preparation
- Description: Mixture consisting of the following components.

· Dangerous components:

CAS: 60-00-4 EINECS: 200-449-4	edetic acid	⚠ Eye Irrit. 2, H319	<10%
CAS: 1310-73-2 EINECS: 215-185-5	sodium hydroxide	⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302	≥2-<5%

· Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- Description of first aid measures
- General information Immediately remove any clothing soiled by the product.
- After inhalation In case of unconsciousness place patient stably in side position for transportation.
- After skin contact
Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.
- After eye contact Rinse opened eye for several minutes under running water.
- After swallowing Drink plenty of water and provide fresh air. Call for a doctor immediately.
- Information for doctor
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

- Extinguishing media
- Suitable extinguishing agents Use fire extinguishing methods suitable to surrounding conditions.
- Special hazards arising from the substance or mixture
During heating or in case of fire poisonous gases are produced.
- Advice for firefighters
- Protective equipment: Mount respiratory protective device.

SECTION 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
Absorb with liquid-binding material.
Use neutralising agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- Reference to other sections
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

- Handling
 - Precautions for safe handling
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - Information about fire - and explosion protection: Keep respiratory protective device available.
- Conditions for safe storage, including any incompatibilities -
 - Storage
 - Requirements to be met by storerooms and receptacles: No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: Keep receptacle tightly sealed.
 - Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace:
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
- Exposure controls
- Personal protective equipment
 - General protective and hygienic measures
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes.
 - Avoid contact with the eyes and skin.
 - Respiratory protection:
 - Not necessary if room is well-ventilated.
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Protection of hands:



Protective gloves.

- Material of gloves
 - The quality of the protective gloves must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Penetration time of glove material
 - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:



Tightly sealed goggles.

· Body protection: lab coat

SECTION 9: Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	liquid
Colour:	colorless
· Odour:	Odourless
· Odour threshold:	Not determined.

· pH-value: Alkaline

· Change in condition

Melting point/freezing point:	undetermined
Initial boiling point and boiling range:	undetermined

· Flash point: Not applicable

· Flammability (solid, gaseous) Not applicable.

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapour pressure: Not determined.

· Density: Not determined

· Relative density Not determined.

· Vapour density Not determined.

· Evaporation rate Not determined.

· Solubility in / Miscibility with

Water:	Fully miscible
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· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

dynamic:	Not determined.
kinematic:	Not determined.

· Other information No further relevant information available.

SECTION 10: Stability and reactivity

· Reactivity No further relevant information available.

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- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

- Information on toxicological effects
 - Acute toxicity Based on available data, the classification criteria are not met.
 - LD/LC50 values relevant for classification:
- | | | |
|----------------------------|------|-------------------|
| 1310-73-2 sodium hydroxide | | |
| Oral | LD50 | 2,000 mg/kg (rat) |
- Primary irritant effect:
 - Skin corrosion/irritation
Causes severe skin burns and eye damage.
 - Serious eye damage/irritation
Causes serious eye damage.
 - Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
 - Additional toxicological information:
 - CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
 - 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.

SECTION 12: Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even small quantities leak into the ground.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- Waste treatment methods -
- Recommendation Lauge sammeln und neutralisieren oder über Fachunternehmen entsorgen lassen.

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- Uncleaned packaging:
- Recommendation: Dispose of packaging according to applicable local, state, and federal regulations.

SECTION 14: Transport information

· UN-Number	Void
· ADR, IMDG, IATA	Void
· UN proper shipping name	Void
· ADR, IMDG, IATA	Void
· Transport hazard class(es)	
· ADR, IMDG, IATA	Void
· Class	Void
· Packing group	Void
· ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications. This product is part of a kit. Information in this section refers to the kit as a whole.
· ADR	
· Remarks:	Not dangerous according to the above specifications. No dangerous good in sense of this transport regulation.
· Remarks:	No dangerous good in sense of this transport regulation.
· IMDG	
· Remarks:	No dangerous good in sense of this transport regulation.
· IATA	
· Remarks:	No dangerous good in sense of this transport regulation.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
- Hazard pictograms GHS05
- Signal word Danger
- Hazard-determining components of labelling:
sodium hydroxide

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- Hazard statements
H314 Causes severe skin burns and eye damage.
- Precautionary statements
P260 Do not breathe dusts or mists.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P321 Specific treatment (see on this label).
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- National regulations
- Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.
- Department issuing SDS: Safety Representative
- Contact: LDN Labor Diagnostika Nord GmbH & Co. KG
- Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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