

AESKU.DIAGNOSTICS Material Safety Data Sheet according to 91/155 EC

AESKUBLOTS, see 1.
1. Identification of substance

This MSDS is valid for the following products:

Product details

REF	NAME
4000	AESKUBLOT ANA-12 Pro
4001	AESKUBLOT ANA-17 Pro
4002	AESKUBLOT Vasculitis Pro
4003	AESKUBLOT Myositis Pro
4004	AESKUBLOT Liver Pro
4005	AESKUBLOT Gastro Pro
4006	AESKUBLOT Borrelia G
4007	AESKUBLOT Borrelia M

And its individual components:

	Component	Formula
STRIP	Stripes	Formula
WASH 20x	Washbuffer 20x	Formula
Block-Reag	Blocking Reagent	Formula
CONJ	Conjugate	Formula
SUB	Substrate	Formula
SWB 5x	Sample-Wash-Buffer 5x	Formula

Manufacturer / Supplier

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2. Composition / Data on components

Chemical characterization

Preparation

Description

Mixture of substances listed below with nonhazardous additions.

Hazardous ingredients:

Component	Substance	CAS	R-/S-Phrases	Concentration
WASH 20x	2-Methyl-4-Isothiazolin-3-one	2682-20-4	R24/25, 34, 37, 43, 50	<0.05%
	5-Chloro-2-Methyl-4-Isothiazolin-3-one	26172-55-4	R24/25, 34, 37, 43, 50	<0.05%

3. Hazard information

Irritating to eyes, respiratory system and skin

4. First aid measures

General information

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation

Supply fresh air; consult doctor in case of complaints.

After skin contact

Generally the product does not irritate the skin.

After eye contact

Rinse opened eye for several minutes under running water.

After swallowing

Call for a doctor immediately.

5. Fire fighting measures

Suitable extinguishing agents

No special measures required.

Special protective equipment for fire fighting:

No special measures required.

6. Accidental release measure

Person-related safety precautions

Not required.

After spillage

Soak up and remove with absorbent substances and dispose. Rinse well with water.

Absorbent material

No restrictions.

7. Handling and storage

Handling

Information for safe handling

No special measures required

Information about fire - and explosion protection

No special measures required.

Storage

Requirements to be met by storerooms and receptacles

Storage at 2-8°C.

Information about storage in one common storage facility

Not required.

Further information about storage conditions

None.

Class according to regulation on flammable liquids

Void

8. Exposure controls and personal protection gear

Additional information about design of technical facilities

No further data; see item 7.

Additional information

The data valid during the making were used as basis.

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Respiratory protection

Not required.

Protection of hands

Protective gloves.

Eye protection

Goggles recommended during refilling.

9. Physical and chemical properties

	WASH 20x	CONJ	SUB	Block-Reag
Appearance	liquid	liquid	liquid	Powder
Color	colorless	colorless	Colorless to bluish	Pale yellow
Odor	none	none	none	None
pH (@20°C)	6.9	7.2	5.0	7.1
Melting point	Similar to H ₂ O	Similar to H ₂ O	Similar to H ₂ O	n/a
Boiling point	Similar to H ₂ O	Similar to H ₂ O	Similar to H ₂ O	n/a
Flash point	n/a	n/a	n/a	n/a
Ignition temp	n/a	n/a	n/a	n/a
Explosion limits Lower Upper	n/a	n/a	n/a	n/a
Vapor pressure		n/a	n/a	n/a
Density	Similar to H ₂ O	Similar to H ₂ O	Similar to H ₂ O	n/a
Solubility in water	soluble	soluble	soluble	Soluble
Further data	Dilute aqueous solution			none

10. Stability and reactivity

Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications. Avoid Freezing and high temperature.

Dangerous reactions

No dangerous reactions known

Dangerous decomposition products

No dangerous decomposition products known

11. Toxicological information

Toxicological data for this product is not available. It contains small amounts of 2-Methyl-4-isothiazolin-3-one and 5-Chloro-methyl-4-isothiazoline-3-one as preservatives and may be harmful if swallowed.

12. Ecological information

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach sewage system.

13. Disposal considerations

Product – Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging – Recommendation

Disposal must be made according to official regulations.

14. Transport information

Land transport ADR/RID and GGVS/GGVE (Germany)

ADR/RID class number and letter

GGVS/GGVE class number and letter

name of material

Maritime transport IMDG

IMDG Class UN-No.:

Packaging group

Ems MFAG

Correct technical name

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class UN/ID-No.:

Packaging group

Correct technical name

Not restricted under IATA Regulations – The goods are not dangerous and they are suitable for air transportation regulations

15. Regulations

Labelling according to EC Directives

The product has been classified and marked in accordance with EU Directives / Ordinance on hazardous Materials

Code letter and hazard designation of product

Hazard-determining components of labelling

Risk phrases

Safety phrases

National regulations

Classification according to VbF

Void

Waterhazard class

Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

Department issuing MSDS

Quality control

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