

Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830



Product Name: EO-diff VET

Version: 01

Date: Apr 13, 2022

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

1.1. Product Identifier

EO-diff VET

REF No.: 3MSR0216V

The reagent is part of the following catalogue numbers: 3MSR0905, 3MSR0965

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

Relevant identified use

Laboratory reagent for in-vitro diagnostics for veterinary use.

1.3. Details of the supplier of the safety data sheet

Dialab Produktion und Vertrieb von chemisch-technischen Produkten und Laborinstrumenten Gesellschaft m.b.H
Hondastrasse, Objekt M55, IZ-NOE Sued, 2351 Wr. Neudorf, Austria

Phone / e-mail: +43 2236 660 910 0 / office@dialab.at

Responsible person:

safety@dialab.at

1.4. Emergency telephone number

+43 1 406 43 43 (Gesundheit Österreich GmbH, 24 h)

Section 2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) 1272/2008 (CLP):

The product is not classified, according to the CLP regulation.

2.2. Label elements

Regulation (EC) 1272/2008 (CLP):

Not classified as hazardous.

Pictogram(s) and signal words:

Not classified as hazardous.

Hazard-determining components of labelling:

Not classified as hazardous.

Hazard statements:

Not classified as hazardous

Safety statements:

Not classified as hazardous

2.3. Other hazards

Not applicable.

Section 3. Composition / information on ingredients

3.1. Substances

This product is a mixture.

3.2. Mixtures

Composition/information on ingredients:

Dangerous components:

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CAS: 10043-35-3 EINECS: 233-139-2 Index number: 005-007-00-2 RTECS: ED 4550000 Reg.nr.: 01-2119486683-25-XX	boric acid	Repr. 1B, H360FD	<0.25%
SVHC			
CAS: 10043-35-3	boric acid		

The wording of the listed hazard warnings can be found in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General notes:

No special measures required.

Following inhalation:

Provide fresh air; consult a doctor in case of medical complaints.

Following skin contact:

Generally the product does not irritate the skin.

Following eye contact:

Rinse opened eye for several minutes under running water.

Following ingestion:

Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

Section 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Use fire extinguishing methods suitable to surrounding conditions.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

No special measures required.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Not required.

For emergency responders:

Not required.

6.2. Environmental precautions

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Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water.
Do not allow the product to enter sewers/ surface water or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

Section 7. Handling and storage

7.1. Precautions for safe handling

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

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: Protect from frost.
Recommended storage temperature: 15-25°C

7.3. Specific end use(s):

No further relevant information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Additional information about design of technical facilities: No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:	
CAS: 10043-35-3 boric acid (<0.25%)	
MAK (Switzerland)	Short-term value: 1.8 e mg/m ³ Long-term value: 1.8 e mg/m ³ R1bd R1bf Ssb;

Additional information:

The most current valid lists have been used as a basis for the production of this document.

8.2. Exposure controls

Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Not required.
Protection of hands: Not required.
Gloves material: -
Eye protection: Goggles recommended during refilling

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Parameter	Value / test method / remarks
Physical State	Liquid
Colour	Colourless
Odour	Odourless

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Odour threshold	Not determined
pH	Mixture is non-polar/aprotic
Melting point / freezing point	0 °C
Initial boiling point and boiling range	100 °C (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)
Flash point	Not applicable.
Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	~1 g/cm ³
Relative density	Not determined.
Solubilities	Fully miscible.
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	Product is not self-igniting.
Decomposition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Product does not present an explosion hazard.
Oxidising properties	Not determined.

9.2. Other information

No further relevant information available.

Section 10. Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

Section 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

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

LD/LC50 values relevant for classification:		
CAS: 10043-35-3 boric acid		
Oral	LD50	2,660 mg/kg (rat)

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.

Sensitization of the respiratory tract / skin:

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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.

Specific target organ toxicity in the event of a single exposure:

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

Specific target organ toxicity with 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

12.1. Toxicity

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6. Other adverse effects

No further relevant information available.

Section 13. Disposal considerations

13.1. Waste treatment methods

Smaller quantities can be disposed of with household waste.

Uncleaned package:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

Section 14. Transport information

14.1. UN number

ADR, IMDG, IATA: Not classified as hazardous for transport

14.2. UN proper shipping name

ADR, IMDG, IATA: Not classified as hazardous for transport

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14.3. Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class: Not classified as hazardous for transport

14.4. Packing group

ADR, IMDG, IATA: Not classified as hazardous for transport

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

Section 15. Regulatory information

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

EU regulations:

Directive 2012/18/EU

Named dangerous substances - ANNEX I

None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Reason of Change:

First revision.

Hazard statements mentioned in Sections 2 and 3:

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:

H360FD May damage fertility. May damage the unborn child.

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

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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)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative Repr. 1B: Reproductive toxicity – Category 1B

Dialab GmbH provides the information in this data sheet in good faith, declaring it is up to date at time of revision. However, this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.