

Material safety data sheet conforming to 91/155/EEC
ANOVIS Biotech GmbH Oxidice® S-Des

Date of issue: 20.07.2007

01. Identification of the substance/preparation and of the company/undertaking

Product name: Oxidice® S-Des
Product use: surface disinfectant
Manufacturer: ANOVIS Biotech GmbH
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D-59227 Ahlen
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02. Composition/Information on ingredients

Chemical name	EINECS/ELINCS	CAS No.	% by weight	Symbol / R phrases
Hydrogen peroxide	231-765-0	7722-84-1	1 - < 5	O& C 8-34

03. Hazards identification

No physical or chemical hazards have been reported or are known.

04. First aid measures

General information No specific measures required.
Inhalation Remove to fresh air.
Skin contact Immediately wash off with warm water.
Eye contact If irritation develops, get medical attention.
Immediately wash out with water.
Ingestion If discomfort develops get medical attention.
Do not induce vomiting. Wash out mouth thoroughly and drink plenty of water. Get medical attention.
Notes to physician Attend symptomatically.

05. Fire fighting measures

Extinguishing media Product not flammable, use appropriate methods for combatting surrounding fire.
Inappropriate extinguishing media None.
Hazardous combustion products Fire may cause a release of carbon monoxide (CO).
Unburnt hydrocarbons
Fire fighting procedures SCBA should be used to avoid inhalation of explosion or burning gases.
Additional information Fire residues and contaminated fire water are to be disposed in accordance to the local, regional, and national regulations.

06. Accidental release measures

Human health protection measures No specific measures required.
Measures for environmental protection Avoid large spills (by containment or oil barriers).
Measures for clean-ups Absorb spill with liquid-binding material (e.g. sand, sawdust, universal binder, diatomite). Transfer both solids and liquids to containers and dispose of as waste in accordance with local, regional, and national regulations. Keep spills and cleaning runoff out of sewers and open bodies of water.

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07. Handling and storage

Handling	When used as directed no specific measures required.
Storage	Store away from bases. Keep container tightly closed. Store container at room temperature at a well-ventilated place.

08. Exposure control/personal protection

Component parts with critical exposure limit values that require monitoring at the workplace:

Component part	MAC[ppm]	MAC[mg/m ³]	general remarks
Hydrogen peroxide	1	1.4 =1=	DFG

MAC = maximum allowable concentration, =x= Factor for short-term exposure

Personal protection:

Respiratory protection	No specific measures required.
Hand protection	Appropriate protection gloves: butyl rubber, > 120 min (EN 374)
Eye protection	No specific measures required.
Skin protection	No specific measures required.
General protection measures	Avoid contact with skin and eyes.
Hygiene measures	Wash hands before breaks and at the end of workday. Use protection cream for skin care.

Environmental exposure controls Not determined.

09. Physical and chemical properties

form:	liquid.	density [g/ml]:	1.04
color:	colorless.	bulk density [kg/m³]:	
odor:	characteristic.	solubility in water:	soluble.
pH-value:	acidic.	partition coefficient (n-octanol / water):	Not determined.
boiling point [°C]:	100° C	viscosity:	Not determined.
flash point [°C]:	Not applicable.	vapor density:	Not determined.
ignitability:	Not applicable.	evaporation rate.:	Not determined.
lower explosive limit:	Not applicable.	melting point [°C]:	Not determined.
upper explosive limit:	Not applicable.	auto ignition:	Not applicable.
oxidizing properties:	Not an oxidizer.	decomposition point [°C]:	Not applicable.
vapor pressure [kPa]:	Not applicable.		

10. Stability and reactivity

Conditions to avoid	None known.
Materials to avoid	Strong alkalines and oxidizers.
Hazardous decomposition products	No hazardous decomposition products known.

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11. Toxicological information

Acute oral toxicity OECD 401	LD50 rat:
Acute dermal toxicity OECD 402	LD50 mouse:
Acute inhalative toxicity OECD 403	LD50 rabbit:
Irritant effect on eye OECD 405	LC50 rat:
Irritant effect on skin OECD 404	Not determined.
Sensitization OECD 406	Not determined.
Subacute toxicity	Not determined.
Chronic toxicity	Not determined.
Mutagenicity	Not determined.
Reproductive toxicity	Not determined.
Carcinogenicity	Not determined.
Practical experience	None.
General remarks	No toxicological data. The product is not subject to the calculation method of the General EC Classification Guidelines for Preparations.

12. Ecological information

Biodegradability	Readily biodegradable.
AOX indication	Does not contain hazardous components.

13. Disposal considerations

Product	Disposal should be in accordance with local, regional, and national regulations. Direct to manufacturer for information on recycling.
Contaminated packaging	Empty contaminated packagings thoroughly, they can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned should be disposed in accordance with local, regional, and national regulations.

14. Transportation information

<u>Classification under ADR</u>	classified as non-hazardous
<u>Classification under IMDG</u>	classified as non-hazardous
<u>Classification under IATA</u>	classified as non-hazardous

15. Regulatory information

Labelling	In accordance with the EC-directives the product is not subject to labelling.
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Specific labelling of particular compounds

Not relevant.

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Regulations

91/155/EEC (2001/58/EC), 67/548/EEC (2001/59/EC), 1999/45/EC (2001/60/EC), 91/689/EEC (2001/118/EC), Ordinance of Hazardous Substances (GefStoffV, 18.05.2000), 89/542/EEC, 89/686/EEC, Detergent Act (WRMG), Water Resources Act (WHG), TRG 300, TRGS 200, TRGS 220, ADR (2003), IMDG-Code (31.Amdt.), IATA-DGR (2003)

16. Other information

R phrases (information on component parts listed in section 02)

R 34: Causes burns.

R 8: Contact with combustible material may cause fire.

BAuA-No.: N-28663

89/542/EEC, containing:

preservative

< 5 % bleaching agent on oxygen basis

Revision information

None.

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