

Material Safety Data Sheet

Product No. 200726	Name Sheath liquid Concentrate	Printed Date 2007-08-30	Rev A	Page 1(3)
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ISSUE	DATE	REPLACE	CHANGES FROM LAST REVISION
REV A	21 AUG 2007	All earlier Revisions	New layout,

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Sheath Liquid Concentrate
 Product Number : 200726
 Company : BioDETECT AS
 Olaf Helsets vei 5
 N-0694 OSLO
 Norway

Telephone : +47 22628152

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product	CAS No	EC-No	Concentration (%)
Sheath Liquid Concentrate	-	-	100

Ingredient product	CAS No	EC-No	
-Tween 20	9005-64-5	500-018-3	≤10
-Water	-	-	≥90
-Sodium Azide	26628-22-8	247-852-1	10g pr 100ml water

3. HAZARDS IDENTIFICATION

Special indication of Hazards to humans and the environment
 Very toxic if swallowed. Contact with acids liberates very toxic gas. Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environments.

4. FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water. Call physician

In case of eye contact

Flush eyes with water as a precaution. Call physician

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Call physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use dry chemical or carbon dioxide. Do not use water Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

BioDETECT AS

Olaf Helsets vei 5
 P.O. Box 56 Bogerud
 N-0621 OSLO

Phone: +47 22 62 81 52
 Fax: +47 22 62 81 51
 E-mail: mail@biodetect.no

Web: <http://www.biodetect.no>
 Enterprise no: NO 984 073 305 MVA

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Avoid breathing vapours, mist or gas. Wear mask.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling

Normal measures for preventive fire protection.

Storage

Store it in cool place. 2-8°C. Keep container tightly closed in a dry place. Do not get in eyes, skin or clothing

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridge. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Use protective gloves.

Eye protection

Use safety glasses

Hygiene measures

General industrial hygiene practice. Wash contaminated clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form liquid
Colour no data available

Safety data

pH no data available
Melting point no data available
Boiling point no data available
Flash point 149 °C - closed cup
Ignition temperature no data available
Lower explosion limit no data available
Upper explosion limit no data available
Vapour pressure no data available
Density no data available
Water solubility soluble in water

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.

Emits toxic fumes under fire conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity

BioDETECT AS

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LD50 Oral - rat – 37ml/kg , oral hamster LD50: 18ml/kg

Irritation and corrosion

Skin - Human – May cause skin irritation

Sensitization

Remarks: no data available

Chronic exposure

No data available

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be fatal if swallowed

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability Remarks: no data available

Ecotoxicity effects

Toxicity to fish LC50 - other fish – 4.2mg/l - 48 h (when use concentrated Azide)

Further information on ecology

No data available

13. DISPOSAL CONSIDERATIONS

Product

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID

Not dangerous goods, UN 1687, Class 6.1, PG II, Sodium Azide 10%

IMDG

Not dangerous goods

IATA

Not dangerous goods,

15. REGULATORY INFORMATION

Labelling according to EC Directives

Further information:

Very Toxic. Dangerous for the environment. Directive 67/548/EEC.

Very Toxic if Swallowed.

Contact with skin or eyes wash immediately.

16. OTHER INFORMATION

Further information

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BioDETECT AS

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