

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

1.1 Product identifier

Product name : PERMANENT AQUEOUS MOUNTING MEDIUM

Catalog No. : NB-47-02240-30ML

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

Identified uses : For research use only.

1.3 Details of the supplier of the safety data sheet

Company: NeoBiotech

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Human health	This product is harmful if swallowed

2.2 GHS Label elements

Hazard statements: NC Not Classified

2.3 Other hazards

No information available

3. Composition/information on ingredients

3.1 Mixtures

Composition comments: No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Skin contact

Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention promptly if symptoms occur after washing.

Inhalation

Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Prolonged skin contact may cause redness and irritation.

Eye contact: May cause temporary eye irritation.

Ingestion: May cause discomfort if swallowed

Inhalation: May cause coughing or mild irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use fire-extinguishing media suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Specific hazards: 7.2 7.2

Hazardous combustion products: Does not decompose when used and stored as recommended

5.3 Advice for firefighters

Special protective equipment for firefighter: Use protective equipment appropriate for surrounding materials

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate

6.2 Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water.

Avoid the spillage or runoff entering drains, sewers or watercourses

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. Only use in fume hood.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container. Store at specified temperature. Refer to product label

Storage Class: Refer to product datasheet.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

SODIUM AZIDE

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

Short-term exposure limit (15-minute): WEL 0.3 mg/m³ as NaN₃

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2 Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated.

Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Color	Various colours
Odour	No characteristic odour
Melting point/range °C	208°C
pHpH (concentrated solution):	pH 7.8 - 8.2
Melting point	Not determined.
Initial boiling point and range	<100 @°C @ 760 mm Hg
Flash point	Not applicable.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	Not determined.
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not determined.
Oxidising properties	Not determined

9.2 Other safety information

Other Information	None
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10. STABILITY AND REACTIVITY

10.1 Reactivity

There are no known reactivity hazards associated with this product.

10.2 Chemical stability

Stable at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Not determined. 7.2.

10.4 Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible materials

Materials to avoid : Strong acids.

10.6 Hazardous decomposition products

Does not decompose when used and stored as recommended.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological effects No information available

Other health effects IARC Not Listed

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 27.0

Species Rat
Notes (oral LD₅₀) 7.2

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 20.0

Species Rabbit
Notes (dermal LD₅₀) 7.2

Skin corrosion/irritation

Human skin model test Not determined.
Extreme pH 7.2

Serious eye damage/irritation

Serious eye damage/irritation Not determined.

Germ cell mutagenicity

Genotoxicity - in vitro Not determined.

Carcinogenicity

Carcinogenicity Not determined.

Reproductive toxicity

Reproductive toxicity - fertility Not determined.

Specific target organ toxicity - single exposure

STOT - single exposure Not determined.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not determined.

Aspiration hazard

Aspiration hazard Not determined.

General information

Knowledge about health hazard is incomplete. Inhalation May cause coughing or mild irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Liquid may irritate skin.

Eye contact

Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards

7.2

Route of exposure

Ingestion. Skin and/or eye contact

Toxicological information on ingredients.**SODIUM AZIDE****Acute toxicity - oral**

ATE oral (mg/kg) 5.0

12. ECOLOGICAL INFORMATION**Ecotoxicity**

There are no data on the ecotoxicity of this product.

12.1 Toxicity**Acute aquatic toxicity**

Acute toxicity - fish

7.2

LC50, 96 hours: 0.68 mg/l, *Lepomis macrochirus* (Bluegill)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: EC₅₀ 48 hours 4.2 mg/l *Daphnia pulex* mg/l, *Daphnia magna***Ecological information on ingredients.****SODIUM AZIDE****Acute aquatic toxicity**LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute)

1

Chronic aquatic toxicity

M factor (Chronic)

1.

12.2 Persistence and degradability

There are no data on the degradability of this product.

12.3 Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4 Mobility in soil

The product is soluble in water.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

The product contains a substance which is harmful to aquatic organisms. However, at the concentrations present this product does not need to be classified as hazardous for the environment and the effects are not expected to be significant.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered

Disposable of methods : Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
Road transport notes	Not classified.
Rail transport notes	Not classified.
Sea transport notes	Not classified.
Air transport notes	Not classified

14.1 UN Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Environmentally hazardous substance/marine pollutant

No

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

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

Not applicable

15. REGULATORY INFORMATION

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

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

General information Only trained personnel should use this material.

Revision date 20/09/2018

Revision 5

Supersedes date 23/03/2016

SDS number 10113

Risk phrases in full R22 Harmful if swallowed.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Tel: +33 9 77 40 09 09 Fax: +33 9 77 40 10 11 E-mail: info@neo-biotech.com
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