



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

Product name : Naomi's Nucleants
Product number : MD2-07
Company : Molecular Dimensions Limited
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2. HAZARDS IDENTIFICATION**Risk advice to man and the environment**

Non Flammable.

Granular material

Irritating to eyes.

Irritating to respiratory system.

Risk of serious damage to eyes.

Harmful by inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Reagent
Bio-glass CaO-P ₂ O ₅ -SiO ₂

4. FIRST AID MEASURES**If inhaled**

If breathing becomes difficult call a physician

In case of skin contact

Immediately wash skin with soap and water.

In case of eye contact

Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

If swallowed

Wash out mouth with water provided the person is conscious.

5. FIRE-FIGHTING METHODS

Non flammable

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Minimise direct contact with skin or eyes and prevent inhalation of dust.

Environmental precautions

Material can be placed in any container

Methods for cleaning up

As with any granular material

7. HANDLING AND STORAGE**Handling**

Avoid inhalation. Avoid contact with eyes, skin and clothing.

Storage

Store in a dry glass vial.

8. EXPOSURE CONTROL/PERSONAL PROTECTION**Personal protective equipment****Respiratory protection**

Granular material, use a mask when handling.

Hand protection

Wear protective gloves

Eye protection

Safety glasses

Hygiene measures

General industrial hygiene practice

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form granular porous glass

Safety data

Melting point	none
Boiling point	none
Flash point	none
Ignition temperature	none
Lower explosion limit	none
Upper explosion limit	none
Water solubility	insoluble

10. STABILITY AND REACTIVITY**Storage stability**

Stable under recommended storage conditions

Materials to avoid

Hydrofluoric acid

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

No data available

Oxidation and corrosion

No data available

Sensitisation

No data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Potential health effects

Inhalation	Harmful if inhaled. Can cause respiratory tract irritation.
Skin	Can cause skin irritation.
Eyes	Can cause eye irritation.
Ingestion	biologically inert

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)**

No data available

Ecotoxicity effects

No data available

Further information on ecology

No data available

13. DISPOSAL CONSIDERATIONS**Product**

As any granular material

Contaminated packaging

Dispose of as unused product

14. TRANSPORT INFORMATION**ADR/RID**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Non-hazardous for air transport.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Caution - substance not yet tested completely

16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Molecular Dimensions Ltd., shall not be held liable for any damage resulting from handling or from contact with the above product.

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