

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

Product name : The Gelled Surface Crystallization™ Kit
Product number : MD1-12
Company : Molecular Dimensions Limited
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2. HAZARDS IDENTIFICATION**Risk advice to man and the environment**

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Reagent	CAS-No.	EC-No.
Petroleum jelly	223-13-35	-
Paraffin liquid colourless	8012-95-1	232-384-2

4. FIRST AID MEASURES**If inhaled**

Move to fresh air. If not breathing, give artificial respiration. Consult a doctor if irritation persists

In case of skin contact

Take off contaminated clothing & shoes. Flush with water, then wash with soap & water. Consult a doctor if irritation persists

In case of eye contact

Rinse thoroughly for at least 15 minutes. Consult a doctor.

If swallowed

Do NOT induce vomiting. Rinse mouth with water. Seek immediate medical attention.

5. FIRE-FIGHTING METHODS**Suitable extinguishing media**

Foam, dry powder, carbon dioxide or vaporising liquids.

Specific hazard(s)

Combustible. Substance floats on surface of water.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Use personal protective equipment. Avoid breathing vapours.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Soak up with inert absorbant material. Keep in suitable closed container for disposal.

7. HANDLING AND STORAGE**Handling**

Change contaminated clothing.

Storage

Store at room temperature. Keep well closed and protected from direct sunlight and moisture.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Wear protective nitrile gloves.

Eye protection

Safety glasses.

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form liquid

Safety data

pH	varying due to pack contents
Melting point	varying due to pack contents
Boiling point	varying due to pack contents
Flash point	varying due to pack contents
density (g/ml)	varying due to pack contents
Solubility in water	varying due to pack contents
Other solubility data	varying due to pack contents
Viscosity	varying due to pack contents

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidising agents.

Hazardous decomposition products

Formed under fire conditions.

11. TOXICOLOGICAL INFORMATION

Not classified as dangerous according to EC directives.

Acute toxicity

No data available.

Oxidation and corrosion

No data available.

Sensitisation

No data available.

Chronic exposure

No data available.

Potential health effects

Inhalation	Harmful if inhaled. Can cause respiratory tract irritation.
Skin	Harmful if absorbed through skin. Can cause skin irritation.
Eyes	Can cause eye irritation.
Ingestion	Harmful if swallowed.

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

Observe all EU and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

15. REGULATORY INFORMATION**Labelling according to EC Directives**

The product does not need to be labelled in accordance with EC directives or respective national laws.

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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