

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

Product name : I3C Phasing kit  
Product number : MD2-11  
Company : Molecular Dimensions Limited  
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**2. HAZARDS IDENTIFICATION**

**Risk advice to man and the environment**

May cause sensitization by inhalation and skin contact. Harmful if swallowed. Causes severe burns.

**3. COMPOSITION/INFORMATION ON INGREDIENTS.**

Reagent	CAS-No.	EC-No.			
5-Amino-2,4,6-triiodoisophthalic acid	35453-19-1	252-575-4			
Lithium hydroxide	1310-65-2	215-183-4			

**4. FIRST AID MEASURES**

**If inhaled**

Move person into fresh air. If breathing becomes difficult call a physician.

**In case of skin contact**

Immediately wash skin with soap and copious amounts of 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. Call a physician.

**5. FIRE-FIGHTING METHODS**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific hazard(s)**

Emits toxic fumes when burnt.

**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

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

**Environmental precautions**

Do not let product enter drains.

**Methods for cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal. Avoid raising dust. Ventilate area and wash spill site.

Use appropriate spill kit.

**7. HANDLING AND STORAGE**

**Handling**

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

Avoid prolonged or repeated exposure.

**Storage**

Store in a cool place. Keep container tightly closed in a dry and well-ventilated place.

**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 gloves.

**Eye protection**

Safety glasses.

**Hygiene measures**

General industrial hygiene practice.

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form powder and liquid

**Safety data**

pH unknown

Melting point unknown

Boiling point unknown

Flash point unknown

Ignition temperature unknown

Lower explosion limit unknown

Upper explosion limit unknown

Water solubility unknown

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**10. STABILITY AND REACTIVITY****Storage stability**

Stable under recommended storage conditions.

**Materials to avoid**

Strong oxidizing agents, strong acids.

**Hazardous decomposition products**

Formed under fire conditions - Carbon oxides, Nitrogen oxides, hydrogen iodide, lithium oxides.

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**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

No data available.

**Oxidation and corrosion**

No data available.

**Sensitisation**

may cause allergic skin reaction

**Chronic exposure**

No data available.

**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 harmful if swallowed.

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

No data available.

**Ecotoxicity effects**

No data available.

**Further information on ecology**

No data available.

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**13. DISPOSAL CONSIDERATIONS****Product**

Observe all EU and local environmental regulations.

**Contaminated packaging**

Dispose of as unused product.

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**14. TRANSPORT INFORMATION****ADR/RID**

Not dangerous goods.

**IMDG**

Not dangerous goods.

**IATA**

Non-hazardous for air transport.

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**15. REGULATORY INFORMATION**

**Labeling according to EC Directives**

## Hazard symbols

Xn harmful

C Corrosive

## R-phrase(s)

R42/43 may cause sensitization by inhalation and skin contact.

R22 harmful if swallowed

R35 Causes severe burns.

## S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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**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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