

# **MSDS – Easy-Si**

## **SECTION 1: Identification of the substance /mixture and of the Company/undertaking**

### **1.1. Product identifier**

**Product name:** EasySi

**Product number:** #016-00-0011

**CAS number:** # None

**Unit size:** 1 -100 mL

### **1.2. Relevant identified uses of the substance of mixture and uses advised against.**

**Identified uses:** For R&D use only. Not for household, drug or other uses.

### **Details of the supplier of the safety data sheet**

**Company:** Immagina Biotechnology.s.r.l.

### **1.3. Emergency telephone number**

Emergency Phone: +39 02/66101029

Immagina Biotechnology.s.r.l.: +39 0461312018

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

Inhalation of mist or dust might be harmful. Avoid repeated or prolonged breathing of spray mist or dust.

#### **2.1.1. Primary Routes of Exposure**

Dermal contact, Ingestion.

#### **2.1.2. Potential Health Effects**

**Ingestion:** Might be harmful if ingested.

**Skin:** Might be harmful if absorbed through skin. Might cause skin irritation.

**Eyes:** Might cause eye irritation. Prolonged exposure might cause eye damage.

**Inhalation:** Might be harmful if inhaled.

**Chronic Exposures:** Not determined

**Target Organs:** Not determined

**2.2 Label elements:** no data available

**2.3. Other hazards:** no data available

### **SECTION 3: Composition/information on ingredients**

#### **3.1 Substances**

Silica (as colloid; CAS number: 7631-86-9)

Water (CAS number: 231-791-2)

**3.2 Mixtures:** Not applicable.

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

**Skin contact:** Flush the affected area with soap and water. Take off contaminated clothes if necessary. If irritation persists, seek medical assistance.

**Eye contact:** Immediately flush eyes with huge amounts of water and seek medical assistance if irritation persists.

**Oral exposure:** Wash out with water if the person is conscious.

#### **4.2. Most important symptoms and effects, both acute and delayed**

Might be irritating to eyes, skin and digestive tract.

**4.3. Indication of any immediate medical attention and special treatment needed:** no data available

### **SECTION 5: Fire-fighting measures**

#### **5.1. Extinguishing media**

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

**5.2. Special hazards arising from the substance or mixture:** no data available

**5.3. Advice for fire-fighters:** no data available

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Throughout wear protective clothing, approved safety glasses and gloves when handling this chemical substance.

**6.2. Environmental precautions:** Question local environmental regulations for proper disposal.

### **6.3. Methods and material for containment and cleaning up**

Small spills of material might be gathered with a wet wipe or swept up with water into a suitable container for disposal.

**6.4. Reference to other sections:** no data available

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Always wear protective clothing, approved safety glasses and gloves when handling this chemical substance.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store at Room temperature or 4°C. Don't freeze.

**7.3. Specific end use(s):** no data available

## **SECTION 8: Exposure controls/personal protection**

**SKIN PROTECTION:** Use protective clothing and gloves.

**EYE PROTECTION:** Always put on approved security glasses or chemical splash goggles when handling a chemical substance in the laboratory.

**RESPIRATOR:** Respiratory protection is not normally needed since volatility and toxicity are low. If significant mists are generated, use either chemical cartridge respirator with a dust/mist prefilter or supplied air.

**VENTILATION:** General ventilation recommended.

**ADDITIONAL PROTECTION:** No additional protection required. Safety shower, impervious clothing and eyewash, are recommended.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

a) **Appearance:** Liquid, individual particles 50nm – 1µm total diameter

b) **Odour:** no data available

c) **Odour Threshold:** no data available

d) **pH:** 7-9

e) **Melting point/freezing point:** no data available

f) **Initial boiling point and boiling range:** 100°C

g) **Flash point:** no data available

h) **Evaporation rate:** no data available

- i) **Flammability (solid, gas):** Not applicable.
- j) **Upper/lower flammability or explosive limits:** no data available
- k) **Vapour pressure:** no data available
- l) **Vapour density:** no data available
- m) **Relative density:** no data available
- n) **Water solubility:** soluble
- o) **Partition coefficient (n-octanol/water):** no data available
- p) **Auto-ignition temperature:** not applicable
- q) **Decomposition temperature:** no data available
- r) **Viscosity:** no data available
- s) **Explosive properties:** No fire or explosion hazard known
- t) **Oxidizing properties:** no data available

## 9.2. Other information

### **SECTION 10: Stability and reactivity**

10.1. **Reactivity:** no data available

10.2. **Chemical stability:** Stable under recommended storage conditions

10.3. **Possibility of hazardous reactions:** Avoid contact with aluminum

10.4. **Conditions to avoid:** Avoid contact with strong acids

10.5. **Incompatible materials:** no data available

10.6. **Hazardous decomposition products:** Dangerous decomposition products might be formed under fire conditions but no data available.

### **SECTION 11: Toxicological information**

11.1. **Information on toxicological effects:** no data available

### **SECTION 12: Ecological information**

12.1. **Toxicity:** no data available

12.2. **Persistence and degradability:** no data available

12.3. **Bioaccumulative potential:** no data available

12.4. **Mobility in soil:** no data available

12.5. **Results of PBT and vPvB assessment**

12.6. **Other adverse effects**

### **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

## **SECTION 14: Transport information**

### **14.1. UN number**

ADR/RID:-IMDG: -IATA:-

### **14.2. UN proper shipping name**

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

### **14.3. Transport hazard class(es)**

ADR/RID:-IMDG: -IATA:-

### **14.4. Packing group**

ADR/RID:-IMDG: -IATA:-

### **14.5. Environmental hazards**

ADR/RID: no IMDG Marine pollutant: no IATA: no

### **14.6. Special precautions for user**

No data available

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Approved Code of Practice**

Safety Data Sheets for Substances and Preparations.

#### **EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC, including amendments Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

The above information is offered in good faith as accurate, but without guarantee, and should 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 doesn't represent any guarantee of the properties of the

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