

# Material Safety Data Sheet



**IMINODIACETIC ACID FOR SYNTHESIS**

**VERSION : 02**

**DATE OF ISSUE : 26-08-2019**

**SUPERSEDES : 01**

**Product Code : 53000**

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

### **1.1. Product identifier**

**Trade name :** IMINODIACETIC ACID FOR SYNTHESIS

**Product code :** 53000

**CAS no. :** 142-73-4

**Identification of the product :** IMINODIACETIC ACID

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

**Use :** Industrial. For professional use only.

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

**Company identification :** MOLYCHEM

**Office:** 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA) Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.

**Email :** [info@molychem.net](mailto:info@molychem.net)

**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

### **1.4. Emergency telephone number**

**Emergency number :** +91 22 4066 8111 (10:00am - 6:00 pm).

## **2. Hazards identification**

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2 H319

Skin corrosion/irritation, Category 2 H315

Specific target organ toxicity — Single exposure, Category 3,

Respiratory tract irritation H335

### **2.2. Label elements**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms :



Signal word (CLP) : Warning

Hazard statements (CLP) : H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

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## **2.3. Other hazards**

No additional information available

## **3. Composition/information on ingredients**

**3.1. Substance Name : IMINODIACETIC ACID FOR SYNTHESIS**

**CAS No : 142-73-4**

**3.2. Mixture**

Not applicable

## **4. First aid measures**

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

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see ... on this label).

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

Suitable extinguishing media : Water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

### **5.2. Special hazards arising from the substance or mixture**

No additional information available

### **5.3. Advice for firefighters**

No additional information available

## **6. Accidental release measures**

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

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6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Stop release.

**6.2. Environmental precautions**

Avoid release to the environment.

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

Methods for cleaning up : Clear up rapidly by scoop or vacuum.

**6.4. Reference to other sections**

No additional information available

## **7. Handling and storage**

**7.1. Precautions for safe handling**

Precautions for safe handling : Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a wellventilated area.

Hygiene measures : Wash ... thoroughly after handling.

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

Storage conditions : Keep container tightly closed.

**7.3. Specific end use(s)** No additional information available.

## **8. Exposure controls/personal protection**

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Hand protection : protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear appropriate mask

## **9. Physical and chemical properties**

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

Physical state : Solid

Odour : odourless.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 243 °C

Freezing point : No data available

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Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Solubility : Water: Partially soluble in water  
Log Pow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Oxidising properties : No data available  
Explosive limits : No data available  
**9.2. Other information** No additional information available

## **10. Stability and reactivity**

**10.1. Reactivity** No additional information available

**10.2. Chemical stability** Stable under normal conditions.

**10.3. Possibility of hazardous reactions** No additional information available

**10.4. Conditions to avoid**

Direct sunlight. Air contact. Moisture.

**10.5. Incompatible materials** No additional information available

**10.6. Hazardous decomposition products** No additional information available

## **11. Toxicological information**

**11.1. Information on toxicological effects** Acute toxicity : Not classified

Skin corrosion/irritation : Causes skin irritation. S

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

## **12. Ecological information**

**12.1. Toxicity**

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No additional information available

## **12.2. Persistence and degradability**

No additional information available

## **12.3. Bioaccumulative potential**

No additional information available

## **12.4. Mobility in soil**

No additional information available

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

No additional information available

## **12.6. Other adverse effects**

No additional information available

## **13. Disposal considerations**

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

No additional information available

## **14. Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

### **14.1. UN number**

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No.(IATA) : Not applicable

UN-No.(ADN) : Not applicable

UN-No. (RID) : Not applicable

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

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

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

ADR Transport hazard class(es) (ADR) : Not applicable

IMDG Transport hazard class(es) (IMDG) : Not applicable

IATA Transport hazard class(es) (IATA) : Not applicable

ADN Transport hazard class(es) (ADN) : Not applicable

RID Transport hazard class(es) (RID) : Not applicable

### **14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

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Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

## **14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

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

- Overland transport-No data available

- Transport by sea-No data available

- Air transport-No data available

- Inland waterway transport-No data available

- Rail transport-No data available

## **14.7. 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**

#### **15.1.1. EU-Regulations**

No REACH Annex XVII restrictions

IMINODIACETIC ACID FOR SYNTHESIS is not on the REACH Candidate List

IMINODIACETIC ACID FOR SYNTHESIS is not on the REACH Annex XIV List

#### **15.1.2. National regulations**

##### **Germany**

AwSV/VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 3; WGK No 6520)

**12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV** : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### **Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

## **15.2. Chemical safety assessment**

No additional information available

## **16. Other information**

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN

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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

**Further information :** None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008 **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

## **End of document**

**Prepared by: MOLYCHEM (INDIA)**

**For questions contact: MOLYCHEM**

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