



An ISO 9001 : 2008 Certified Manufacturing Co.

**Infinium  
Pharmachem  
Pvt. Ltd.**

**Corporate Office Address**

Suite # 205, Sigma Prime, Second Floor Nr. Sardar Patel Statue  
Vallabh Vidyanagar, Dist. Anand - 388 121 Gujarat, India.  
Tele/ Fax : ++91-2692-238849 , 238850  
Email: info@infiniumpharmachem.com infinium\_11@yahoo.com  
Web : www.infiniumpharmachem.com

**R.O. & Factory Address:-**

Plot No.38 - 39 GIDC Sojitra - 387240 Dist. Anand  
Gujarat - India Tel / Fax : ++91-2697- 234987

**A MATERIAL SAFETY DATA SHEET**

**IODOBENZENE DIACETATE**

**1.1 Product Identifiers:**

**Product Name** : **Iodobenzene Diacetate**

**CAS No** : 3240-34-4

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

Identified uses : Laboratory chemicals, Manufacture of substances

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

**Supplier:** Infinium Pharmachem Pvt. Ltd. (AN ISO 9001:2008 CERTIFIED CO.)  
38, G.I.D.C, Sojitra

Dist: ANAND

Gujarat, India

**Tel** : 0091-2697-234987

**Fax** : 0091-2697-234987

**Email** : [info@infiniumpharmachem.com](mailto:info@infiniumpharmachem.com)

**Synonyms** : Diacetoxyiodobenzene

**CAS No.** : 3240-34-4

**Molecular Weight** : 322.1 g/mol

**Chemical Formula** : C<sub>10</sub>H<sub>11</sub>IO<sub>4</sub>



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### 3.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

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

### 3.2 Label elements

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

### 3.3 Other hazards

None.

### 4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

### 4.2 Most Important symptoms & efforts, both acute and delayed

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

No data available

### 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

Carbon oxides, Hydrogen iodide



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### **5.3 Advice for firefighters**

Wear self contained breathing apparatus for fighting if necessary.

### **5.4 Further Information**

No data available.

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

Avoid dust formation. Avoid breathing vapors, mist or gas.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections**

For disposal see section 13

### **7.1 Precautions for safe Handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### **7.2 Conditions for safe Storage, including any incompatibilities**

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

### **7.3 Specific end uses**

No data available

### **8.1 Control parameters**

**Components with workplace control Parameters.**



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## 8.2 Exposure Controls

### **Appropriate engineering controls**

General industrial hygiene practice.

### **Personal protective equipment**

#### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9.1 Information on Basic physical & chemical properties

### **a) Appearance**

**Form: powder**

### **b) Odor**

**Colour: white**

### **c) Odor Threshold**

**no data available**

### **d) pH**

**no data available**

### **e) Melting point/freezing Point**

**no data available**

**Melting point/range: 161 - 163 °C**



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<b>f) Initial boiling point and Boiling range</b>	<b>no data available</b>
<b>g) Flash point</b>	<b>no data available</b>
<b>h) Evaporation rate</b>	<b>no data available</b>
<b>i) Flammability (solid, gas)</b>	<b>no data available</b>
<b>j) Upper/lower Flammability or explosive limits</b>	<b>no data available</b>
<b>k) Vapor pressure</b>	<b>no data available</b>
<b>l) Vapor density</b>	<b>no data available</b>
<b>m) Relative density</b>	<b>no data available</b>
<b>n) Water solubility</b>	<b>no data available</b>
<b>o) Partition coefficient: n-octanol /water</b>	<b>no data available</b>
<b>p) Auto ignition Temperature</b>	<b>no data available</b>
<b>q) Decomposition Temperature</b>	<b>no data available</b>
<b>r) Viscosity</b>	<b>no data available</b>
<b>s) Explosive properties</b>	<b>no data available</b>
<b>t) Oxidizing properties</b>	<b>no data available</b>

## 9.2 Other safety Information

No data available

## 10.1 Reactivity

no data available

## 10.2 Chemical stability

No data available.

## 10.3 Possibility of hazardous reactions

no data available

## 10.4 Conditions to avoid

No data available.

## 10.5 Incompatible materials



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Strong oxidizing agents.

#### **10.6 Hazardous decomposition products**

Other decomposition products - no data available

#### **11.1 Information on toxicological effects**

##### **Acute toxicity**

No data available

LD50 Intravenous - mouse - 56 mg/kg

##### **Skin corrosion/irritation**

no data available

##### **Serious eye damage/eye irritation**

no data available

##### **Respiratory or skin sensitization**

no data available

##### **Germ cell mutagenicity**

no data available

##### **Carcinogenicity**

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

##### **Reproductive toxicity**

no data available

##### **Specific target organ toxicity - single exposure**

no data available

##### **Specific target organ toxicity - repeated exposure**

no data available

##### **Aspiration hazard**



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no data available

#### Potential health effects

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Ingestion** May be harmful if swallowed.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

#### Additional Information

RTECS: DA3525000

#### 12.1 Persistence and degradability

no data available

#### 12.2 Bioaccumulative potential

no data available

#### 12.3 Mobility in soil

no data available

#### 12.4 Results of PBT and vPvB assessment

No data available

#### 12.5 Toxicity

no data available.

#### 12.6 Other adverse effects

Very toxic to aquatic life.

#### 13.1 Waste treatment methods

##### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

##### Contaminated packaging









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