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 CERTIFIEDCO.)
38, G.I.D.C, Sojitra
Dist: ANAND
Gujarat, India

Tel : 0091-2697-234987
Fax : 0091-2697-234987
Email : info@infiniumpharmachem.com

Synonyms : Diacetoxyiodo)benzene
CAS No. : 3240-34-4
Molecular Weight : 322.1 g/mol
Chemical Formula : C\textsubscript{10}H\textsubscript{11}IO\textsubscript{4}
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
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.
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).

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9.1 Information on Basic physical & chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>a) Appearance</strong></td>
<td>Form: powder</td>
</tr>
<tr>
<td></td>
<td>Colour: white</td>
</tr>
<tr>
<td><strong>b) Odor</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>c) Odor Threshold</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>d) pH</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>e) Melting point/freezing</strong></td>
<td>Melting point/range: 161 - 163 °C</td>
</tr>
</tbody>
</table>
f) Initial boiling point and Boiling range
no data available

g) Flash point
no data available

h) Evaporation rate
no data available

i) Flammability (solid, gas)
no data available

j) Upper/lower
Flammability or explosive limits
no data available

k) Vapor pressure
no data available

l) Vapor density
no data available

m) Relative density
no data available

n) Water solubility
no data available

o) Partition coefficient: n-octanol /water
no data available

p) Auto ignition
Temperature
no data available

q) Decomposition
Temperature
no data available

r) Viscosity
no data available

s) Explosive properties
no data available

t) Oxidizing properties
no data available

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
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
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
Dispose of as unused product.

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 Packaging 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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
no data available

15.2 Chemical Safety Assessment
no data available

MSDS Creation Date: 01-01-2015
Revision #1 Date: 31-12-2017

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