



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

MATERIAL SAFETY DATA SHEET

IODOBENZENE

1.1 Product Identifiers:

Product Name : Iodobenzene
Product Codes : XXXXX
CAS No : 591-50-4

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

Synonyms : Benzene Iodide; Phenyl Iodide; Iodobenzol; Iodobenceno

CAS No. : 591-50-4

Molecular Weight : 204.01



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Chemical Formulas : C₆H₅I

3.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 2)

Eye irritation (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Harmful if swallowed. Irritating to eyes.

3.2 Label elements

Labeling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word Danger

Hazard statement(s)

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Precautionary statement(s)

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard –none

Statements

According to European Directive 67/548/EEC as amended.



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Hazard symbol(s)



R-phrase(s)

R22 Harmful if swallowed.
R36 Irritating to eyes

S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36 Wear suitable protective clothing.

3.3 Other hazards-none

4.1 Description of first aid measures

Inhalation

Remove to fresh air. In cases of serious discomfort seek medical attention. If not breathing, trained personnel should administer oxygen or artificial respiration.

Eye contact

- Flush with copious amounts of water for at least 20 minutes. Seek immediate medical attention.

Skin Contact

- Remove contaminated clothing. Rinse affected area with copious amounts of water. Rinse thoroughly. In case of skin damage or persistent irritation seeks immediate medical attention. Show the physician the container details.

Ingestion

- Call a physician or poison control center immediately. Induce vomiting only if instructed to do so by medical personnel. Seek immediate medical attention



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4.2 Most Important symptoms & efforts, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section no 3.3) or section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5.1 Extinguishing Medium

Use fire fighting measures which suit the environment and take into account other materials which may be involved. Use carbon dioxide or dry powder for fires involving this material. In general, water-based extinguishers are not recommended for fires involving organic materials.

5.2 Advice for fire fighters

Wear self-contained breathing apparatus and protective clothing. Most compounds emit toxic gases when burning

6.1 Personal Precautions

Avoid inhalation or contact of spilled material with skin or clothing. Wear protective clothing. Keep unprotected persons away.

6.2 Environmental Precautions

Take precautions to ensure product does not contaminate the ground or enter the drainage system.

6.3 Methods for cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.



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7.1 Precautions for safe Handling

Chemicals should be used only by those trained in handling potentially hazardous materials. Chemical resistant gloves, eye protection and protective clothing should be worn. Operations should be carried out in efficient fume hood or equivalent system. Avoid breathing of dust, vapor, mist, or gas.

7.2 Conditions for safe Storage, including any incompatibilities

Store in a cool, dry, well ventilated area. Store in a tightly sealed container. Protect from moisture, heat, ignition sources, and incompatible substances. Protect from direct light. See stability and reactivity for more details on incompatible substances.

8.1 Control parameters

Components with workplace control Parameters.

8.2 Exposure Controls

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

Not available



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9.1 Information on Basic physical & chemical properties

Physical state and appearance	:	Liquid.
Odor	:	Not available.
Taste	:	Not available.
Molecular Weight	:	204.02 g/mole
Color	:	Not available.
pH (1% soln/water)	:	Not applicable.
Boiling Point	:	188.5°C (371.3°F)
Melting Point	:	-30°C (-22°F)
Critical Temperature	:	Not available.
Specific Gravity	:	1.8384 (Water = 1)
Vapor Pressure	:	Not available.
Vapor Density	:	Not available.
Volatility	:	Not available.
Odor Threshold	:	Not available.
Water/Oil Dist. Coeff.	:	Not available.
Ionicity (in Water)	:	Not available.
Dispersion Properties	:	Not available.
Solubility	:	Insoluble in cold water

9.2 Other safety Information

No data available

10.1 Storage stability

- Stable under recommended storage conditions.

10.2 Conditions to avoid

- Light.

10.3 Materials to avoid

- Magnesium, Strong oxidizing agents

10.4 Hazardous decomposition products

- Hazardous decomposition products formed under fire conditions.-Carbon oxides, Hydrogen iodide



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11.1. Information on toxicological effects

Routes of Entry:

- Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

- Acute oral toxicity (LD50): 1749 mg/kg [Rat].

Chronic Effects on Humans:

- Not available.

Other Toxic Effects on Humans:

- Very hazardous in case of skin contact (irritant). Hazardous in case of ingestion, of inhalation.

Special Remarks on Toxicity to Animals:

- Not available.

Special Remarks on Chronic Effects on Humans:

- Not available.

Special Remarks on other Toxic Effects on Humans:

- Not available

Additional Information

RTECS: DA3390000

12.1 Ecotoxicity:

- Not available.

12.2 BOD5 and COD:

- Not available.

12.3 Products of Biodegradation:



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- Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

12.4 Toxicity of the Products of Biodegradation:

- The products of degradation are more toxic.

12.5 Special Remarks on the Products of Biodegradation:

- Not available

13.1 Waste treatment methods

Product

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

DOT (US)

NA-Number: 1993 Class: CBL Packing group: III

Proper shipping name: Combustible liquid, n.o.s. (Iodobenzene)

Marine pollutant: No

Poison Inhalation Hazard: No

IMDG

Not dangerous goods

IATA

Not dangerous goods

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out



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15.3 Federal and State Regulations:

- TSCA 8(b) inventory: Iodobenzene

15.4 Other Regulations:

- OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

15.5 Other Classifications:

WHMIS (Canada):

- CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):

- R22- Harmful if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes.

Protective Equipment:

- Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

MSDS Creation Date: 01-01-2015

Revision #1 Date: 31-12-2017

Disclaimer:

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