



MATERIAL SAFETY DATA SHEET

3-iodo toluene

1.1 Product Identifiers:

Product Name : 3-iodo toluene
Product Codes : XXXX
CAS No : 625-95-6

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



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.
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R.O. & Factory Address:-

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Synonyms	: 1-iodo-3-methylbenzene; m-iodo toluene; m-tolyl iodide; m-methyl iodo benzene; 3-methyl phenyl iodide.
CAS No.	: 625-95-6
Molecular Weight	: 218.035
Chemical Formula	: C ₇ H ₇ I

3.1 Classification of the substance or mixture

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

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity -single exposure (Category 3)

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

Irritating to eyes, respiratory system and skin.

3.2 Label elements

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

Pictogram



Signal word Warning

Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statement(s)

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.

Supplemental Hazard- none



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Statements

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

Hazard symbol(s)



R-phrase(s)

R36/37/38 Irritating to eyes, respiratory system and skin.

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

Ingestion

Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Skin

Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.



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Eyes

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

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 Media

Suitable extinguishing media

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

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for firefighting if necessary.

6.1 Personal precautions

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.

7.1 Conditions for safe Storage, including any incompatibilities

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.



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7.2 Precautions for safe Handling

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

8.1 Control parameters

Components with workplace control Parameters.

8.2 Personal Protection

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.



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Respirators

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

9.1 Information on Basic physical & chemical properties

Appearance	: Slightly yellow liquid.
Solubility in water	: Insoluble
Melting Point	: 27 - 28
Boiling Point	: 213
Vapor Pressure	: 0.25 (25° C)
Density	: 1.6835 g/cm ³ (20 °C)
Partition Coefficient	: 3.71
Heat Of Vaporization	: 43.1 kJ/mol
Vapor Density	: 7.52
Refractive Index	: 1.604 (20°C)

9.2 Other safety Information

No data available



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10.1 Stability

Stable under normal temperatures and pressures.

10.2 Incompatibilities

Strong oxidizing agents

10.3 Decomposition

Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, hydrogen iodide



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11.1 Information on toxicological effects

Acute toxicity

LD50 Oral – rat :- 2.296 mg/kg

Remarks: Behavioral Convulsions or effect on seizure threshold.

Specific target organ toxicity- single exposure

Inhalation – May cause respiratory irritation.

Potential Health Effects

Inhalation:

May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion:

May be harmful if swallowed.

Skin:

May be harmful if absorbed through skin. Causes skin irritation.

Eyes:

Causes serious eyes irritation.

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



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No data available

12.6 Other adverse effects

No data 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 Classification:

Identification

: Not regulated as a hazardous material

Special Provisions for Transport

: Not 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

For this product a chemical safety assessment was not carried out

MSDS Creation Date: 01-01-2015

Revision #1 Date: 31-12-2017

Disclaimer:

The information above is believed to be accurate and represents the best information



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