



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.

Tel/ 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

### CHLOROIODOMETHANE

#### 1.1 Product Identifiers:

**Product Name** : chloroiodomethane

**Product Codes** : XXXX

**CAS No** : 593-71-5

#### 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** : Chloromethyl iodide; chloro iodomethane.

**CAS No.** : 593-71-5

**Molecular Weight** : 176.384



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.

Tel/ 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

**Chemical Formula** : CH<sub>2</sub>ClI

### 3.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Specific target organ toxicity -single exposure (Category 3), H335

For the full text of the H-Statements mentioned in this Section, see Section 15

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

Xi Irritant R36/37/38

For the full text of the R-phrases mentioned in this Section, see Section 15.

### 3.2 Label elements

#### Labeling according Regulation (EC) No 1272/2008

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

Statements



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.

Tel/ 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

Safety data sheet available on request.

### 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.

##### Eyes

Immediately 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 Fire And Explosion Hazards

Slight fire hazard.

#### 5.2 Extinguishing Media

regular dry chemical, carbon dioxide, water, regular foam

**Large fires:** Use regular foam or flood with fine water spray.

**Fire Fighting:** Move container from fire area if it can be done without risk. Do not scatter spilled



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.

Tel/ 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 with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

**Flash Point:** No data available.

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

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas.

For personal protection see section 8.

### 6.2 Environmental precautions

Do not let product enter drains.

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

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

### 6.4 Reference to other sections

For disposal see section 13

### 7.1 Precautions for safe Handling

Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Store protected from light.

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

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Refrigerator (approx 4 C). Store protected from light.



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.

Tel/ 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

## 8.1 Control parameters

**Components with workplace control Parameters.**

## 8.2 Personal Protective equipment

### 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.

### 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.

### Exposure Effects

Effects may be delayed.

## 9.1 Information on Basic physical & chemical properties

<b>PHYSICAL STATE</b>	:	liquid
<b>COLOR</b>	:	colorless
<b>ODOR</b>	:	Not available
<b>MOLECULAR WEIGHT</b>	:	176.38
<b>MOLECULAR FORMULA</b>	:	CL-C-H2-I
<b>BOILING POINT</b>	:	228 F (109 C)
<b>FREEZING POINT</b>	:	Not available
<b>VAPOR PRESSURE</b>	:	Not available
<b>VAPOR DENSITY</b>	:	Not available
<b>SPECIFIC GRAVITY (water=1)</b>	:	2.422
<b>WATER SOLUBILITY</b>	:	Not available
<b>PH</b>	:	Not available
<b>VOLATILITY</b>	:	Not available
<b>ODOR THRESHOLD</b>	:	Not available
<b>EVAPORATION RATE</b>	:	Not available



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.

Tel/ 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

## COEFFICIENT OF WATER/OIL DISTRIBUTION

**SOLVENT SOLUBILITY** : Not available  
**Soluble** : alcohol, ether, acetone, benzene, chloroform.

## 9.2 Other safety Information

No data available

### 10.1 Stability

Stable at room temperature in closed containers under normal storage and handling conditions.

### 10.2 Incompatibilities

Strong oxidizing agents, strong bases.

### 10.3 Decomposition

Hydrogen chloride, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, hydrogen iodide

### 10.4 Combustion Products

Fire may produce irritating, corrosive and/or toxic gases.

## 11.1 Information on toxicological effects

### Acute toxicity

no data available

### Skin corrosion/irritation

no data available

### Serious eye damage/eye irritation

no data available

### Respiratory or skin sensitization

no data available

### Germ cell mutagen city

no data available

### Carcinogenicity

IARC:



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.

Tel/ 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

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**

Inhalation-May cause respiratory irritation.

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

no data available

#### **Aspiration hazard**

no data available

#### **Additional Information**

RTECS: Not available

Prolonged or repeated exposure can cause:, Nausea, Dizziness, Headache, narcosis, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

#### **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**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

#### **12.6 Other adverse effects**

no data available

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



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.

Tel/ 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

### Product

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

### 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

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

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

### Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

### Full text of H-Statements referred to under sections 2 and 3.

Eye Irrit.

Eye irritation

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

Skin Irrit.

Skin irritation





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.

Tel/ 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

STOT SE Specific target organ toxicity -single exposure

**Full text of R-phrases referred to under sections 2 and 3**

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

**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 currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Infinium Pharmachem Pvt Ltd be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Infinium Pharmachem Pvt Ltd has been advised of the possibility of such damages.*



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.  
Tel/ 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