



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

CALCIUM IODIDE HYDRATE

1.1 Product Identifiers:

Product Name : **Calcium iodide hydrate**

CAS No : 71626-98-7

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 : CALCIUM IODIDE;CALCIUM IODIDE
HYDRATE;CALCIUM IODIDE N-HYDRATE;CALCIUM
IODIDE HEXAHYDRATE;calcium
iodide, crystalline;Calcium iodide
hydrate,98%;CALCIUM IODIDE,LUMP,PURIFIED;Calciu
miodidehydrate,min.98%;Calcium iodide hydrate, 98%
min;Calcium iodide hydrate

CAS No. : 71626-98-7



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

Molecular Weight : 293,89 g/mol

Chemical Formula : $\text{CaI}_2 \cdot x\text{H}_2\text{O}$

3.1 Classification of the substance or mixture

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

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

This substance is not classified as dangerous according to Directive 67/548/EEC.

3.2 Label elements

The product does not need to be labelled 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 and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. 4.3 Indication of any immediate medical attention and special treatment needed

no data 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.

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

5.1 Extinguishing Media:

Suitable extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Hydrogen iodide, Calcium oxide

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



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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Air, light, and moisture sensitive.

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).



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

9.1 Information on Basic physical & chemical properties

a) Appearance	Form: solid
b) Odor	no data available
c) Odor Threshold	no data available
d) pH	no data available
e) Melting point/freezing Point	no data available
f) Initial boiling point and Boiling range	97,4 °C - lit.
g) Flash point	not applicable
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	5,61 - (Air = 1.0)
m) Relative density	3,24 g/cm ³ at 25 °C
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



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

10.4 Conditions to avoid

Exposure to air may affect product quality. Exposure to light may affect product quality.
Exposure to moisture may affect product quality.

10.5 Incompatible materials

Strong oxidizing agents, Strong acids.

10.6 Hazardous decomposition products

Other decomposition products - no data available

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

Germ cell mutagenicity

no data available

Carcinogenicity

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

Reproductive toxicity

May cause congenital malformation in the fetus.

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure



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

no data available

Aspiration hazard

no data available

Additional Information

RTECS: Not available

12.1 Persistence and degradability

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

no data available

12.6 Other adverse effects

No data available

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



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

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Passenger Aircraft: 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

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

no data available

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

no data available.

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



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

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.