



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

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers:

Product Name: Potassium Iodate

Product Codes:

CAS No : 7758-05-6

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

Synonyms: 1- Iodic Acid; Potassium salt; Iodato de potasio; kaliumiodat; Iodate de potassuim.

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	Percent
7758-05-6	Potassium iodate	100 %

SECTION 3 - HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture



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

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

Oxidizing solids (Category 2)

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

Contact with combustible material may cause fire. Irritating to eyes, respiratory system and skin.

2.2 Label elements

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

Pictogram

Signal word Danger

Hazard statement(s)

H272 May intensify fire; oxidiser.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statement(s)

P220 Keep/Store away from clothing/ combustible materials.

P261 Avoid breathing dust.

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

Statements

none

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



Hazard symbol(s)

R-phrase(s)

R 8 Contact with combustible material may cause fire.

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.



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

2.3 Other hazards – none

SECTION 4 - FIRST AID MEASURES

4.1 Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

4.2 Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

4.3 Skin Contact:

Wash exposed area with soap and water. Get medical advice if irritation develops.

4.4 Eye Contact:

Wash thoroughly with running water. Get medical advice if irritation develops.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Fire:

Not combustible but enhances the combustion of other substances. Strong oxidizing agent, can release gaseous oxygen when heated.

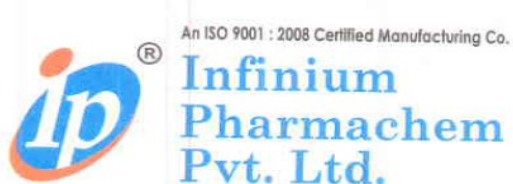
5.2 Explosion:

May explode when exposed to mechanical shock or friction or can cause explosions with combustible or flammable materials or powdered metals.

5.3 Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

5.4 Special Information:



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

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire exposed containers cool.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

6.2 Large Spill:

Oxidizing material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

SECTION 7 - HANDLING AND STORAGE

7.1 Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with clothing and other combustible materials. Do not get on skin or in eyes. Avoid ingestion and inhalation. Avoid mechanical shock and friction.

7.2 Storage: Keep away from heat, sparks, and flame. Do not store near combustible materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from reducing agents.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Potassium Iodate	none listed	none listed	none listed

OSHA Vacated PELs: Potassium Iodate: No OSHA Vacated PELs are listed for this chemical.

8.2 Personal Protective Equipment



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

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 gloves to prevent skin exposure.

Clothing: Wear a chemical apron. Wear appropriate clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Solid
Appearance	:	white
Odor	:	odorless
pH	:	Not available.
Vapor Pressure	:	Not available.
Vapor Density	:	Not available.
Evaporation Rate	:	Not available.
Viscosity	:	Not available.
Boiling Point	:	560 deg F
Freezing/Melting Point	:	1040 deg F
Autoignition Temperature	:	Not available.
Flash Point	:	Not available.
Decomposition Temperature	:	1040 deg F
NFPA Rating	:	(estimated) Health: 2; Flammability: 0;
Reactivity:		1
Explosion Limits, Lower	:	Not available.
Upper	:	Not available.
Solubility	:	Soluble in water
Specific Gravity/Density	:	3.93
Molecular Formula	:	KIO ₃
Molecular Weight	:	214.001



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

SECTION 10 - STABILITY AND REACTIVITY

10.1 Stability:

Stable under ordinary conditions of use and storage. Strong oxidizing characteristics appear when mixed with acid solutions.

10.2 Hazardous Decomposition Products:

Burning may produce toxic iodine vapors.

10.3 Hazardous Polymerization:

Will not occur.

10.4 Incompatibilities:

Reacts violently with combustible and reducing materials; aluminum, organic compounds, carbon, hydrogen peroxide, sulfides.

10.5 Conditions to Avoid:

Heat, shock, friction, incompatibles.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 7758-05-6: NN1350000

LD50/LC50:

Not available.

Carcinogenicity:

CAS# 7758-05-6: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information found.

Teratogenicity: No information found.

Reproductive Effects: No information found.

Neurotoxicity: No data available.

Mutagenicity: No data available.

Other Studies: No data available.

SECTION 12 - ECOLOGICAL INFORMATION



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

Ecotoxicity:

Not available.

BOD5 and COD:

Not available.

Products of Biodegradation:

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

Toxicity of the Products of Biodegradation:

The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation:

Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT Classification: CLASS 5.1: Oxidizing material.

Identification: Oxidizing solid, n.o.s. (Potassium iodate) UNNA: 1479 PG: III

Special Provisions for Transport: Not available.

SECTION 15 - REGULATORY INFORMATION

Federal and State Regulations:

TSCA 8(b) inventory: Potassium iodate

Other Regulations:

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

Other Classifications:

WHMIS (Canada):

CLASS C: Oxidizing material.

DSCL (EEC):

R8- Contact with combustible material may cause fire. R22- Harmful if swallowed.

R36/38- Irritating to eyes and skin. S2-

Keep out of the reach of children. S17- Keep away from combustible material. S46- If swallowed, seek medical advice

immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard:2



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

Fire Hazard:0

Reactivity:1

Personal Protection:E

National Fire Protection Association (U.S.A.):

Health:2

Flammability:0

Reactivity:0

Specific hazard:

Protective Equipment:

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

SECTION 16 - ADDITIONAL INFORMATION

MSDS Creation Date: 01-01-2015

Revision #1 Date: 31-12-2017

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.