



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

IODOPHOR

1.1 Product Identifiers:

Product Name: Iodophor
CAS No : 39392-86-4

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Sanitizer

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: Not known

CAS No.: 39392-86-4

Molecular Weight: N.A.

Chemical Formula: N.A

3.1 Classified as hazardous according to criteria of NOHSC



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Hazardous substance

Dangerous goods

3.2 Label Elements



Classification

Corrosive

R -phrase(s)

R34 Causes burns

S-Phrase(s)

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S45 - In case of accident or if you feel unwell, seek medical advice immediately

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

3.3 Supplemental Hazard Statements

none

4.1 Description of first aid measures

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Inhalation:

Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

Ingestion:



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If swallowed, do NOT induce vomiting. Get medical aid immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

4.2 Most Important symptoms & efforts, both acute and delayed

Treat symptomatically and supportively

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5.1 Extinguishing Media

Use water spray, dry chemical, carbon dioxide, or appropriate foam.

5.2 Autoignition Temperature:

Not available

5.3 Explosion Limits:

Lower: Not available Upper: Not available

5.4 NFPA Rating:

(estimated) Health: 3; Flammability: 0; Instability: 0

6.1 General Information:

Use proper personal protective equipment as indicated in Section 8.

6.2 Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

7.1 Precautions for safe handling

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not breathe dust, mist, or vapor. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Use only in a chemical fume hood. Discard contaminated shoes.

7.2 Conditions for safe Storage, including any incompatibilities



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Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8.1 Harmful substances, occupational exposure limit values to be controlled

Not specified

Provide ventilation, locally.

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protection

Eyes protection:

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 protection:

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 respirator use.

9.1 Information on Basic physical & chemical properties

Physical State	:	Liquid
Color	:	Brown
Odor	:	No data available
pH	:	1 - 2
Vapor Pressure	:	No data available
Vapor Density	:	No data available
Evaporation Rate	:	No data available
Viscosity	:	No data available
Flash Point	:	No data available
Boiling Point	:	No data available



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Freezing/Melting Point	:	No data available
Decomposition Temperature	:	No data available
Solubility in water	:	No data available
Specific Gravity/Density	:	1.01
Molecular Formula	:	Solution
Molecular Weight	:	No data available

9.2 Other safety Information

No data available

10.1 Reactivity

no data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous polymerization

Will not occur

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Strong reducing agents, active metals, acetaldehyde, acetylene, powdered aluminum, ammonium

Hydroxide

10.6 Hazardous decomposition products

Hydrogen iodide, iodine, iodide ions (I⁻)

11.1 Information on toxicological effects

High toxicity

LD50/LC50:

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg.

CAS# 7664-38-2:

Draize test, rabbit, eye: 119 mg Severe



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Draize test, rabbit, skin: 595 mg/24H Severe

Inhalation, mouse: LC50 = 25.5 mg/m³

Inhalation, rat: LC50 = >850 mg/m³/1H

Inhalation, rat: LC50 = 25.5 mg/m³

Oral, mouse: LD50 = 1.25 gm/kg

Oral, rat: LD50 = 1530 mg/kg

Oral, rat: LD50 = 1.25 gm/kg

Skin, rabbit: LD50 = 2740 mg/kg.

CAS# 7553-56-2:

Oral, mouse: LD50 = 22 gm/kg

Oral, mouse: LD50 = 1000 mg/kg

Oral, rabbit: LD50 = 10 gm/kg

Oral, rat: LD50 = 14 gm/kg.

Epidemiology:

No information found

Teratogenicity:

No information found

Reproductive:

No information found

Mutagenicity:

No information found

Neurotoxicity:

No information found

Additional Information

RTECS: no data available

12.1 Ecotoxicity:

Fish: Pseudomonas putida:

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential



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no data available

12.4 Mobility in soil

Will likely be mobile in the environment due to its water solubility.

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

Product

Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated packaging

Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal.

14.1 UN number

ADR/RID: 1760

IMDG: 1760

IATA: 1760

14.2 UN proper shipping name

ADR/RID : CORROSIVE LIQUID, N.O.S. (Iodine, Phosphoric acid)

IMDG : CORROSIVE LIQUID, N.O.S. (Iodine, Phosphoric acid)

IATA : CORROSIVE LIQUID, N.O.S. (Iodine, Phosphoric acid)

14.3 Transport hazard class (es)

ADR/RID: 8

IMDG: 8

IATA: 8

14.4 Packaging group

ADR/RID: II

IMDG: II

IATA: II

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no



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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

Disclaimer:

MSDS Creation Date: 01-01-2015

Revision #1 Date: 31-12-2017

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