



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

MATERIAL SAFETY DATA SHEET

ALLYL IODIDE

1.1 Product Identifiers:

Product Name : **Allyl Iodide**

Product Codes : **XXXX**

CAS No : **556-56-9**

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 : 3-iodo-1-propene; 1-propene; 3-iodopropene

CAS No. : 556-56-9

Molecular Weight : 167.97



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Chemical Formula : C₃H₅I

3.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flammable liquids (Category 2), H225

Skin corrosion (Category 1B), H314

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

C Corrosive R34

F Highly flammable R11

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

Danger

Hazard statement(s)

H225 Highly flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305 + P351 + P338



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If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard - none

Statements

3.3 Other hazards

Rapidly absorbed through skin.

4.1 Description of first aid measures

Eyes: Get medical aid. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes).

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

Ingestion: Call a poison control center. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

Notes to Physician: If cyanosis is severe, intravenous injection of Methylene Blue, 1mg/kg of body weight may be of value.

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 General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Will burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Flammable liquid and



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vapor. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas.

5.2 Extinguishing Media:

For small fires: use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

For large fires: use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers.

Water may be ineffective. Do NOT get water inside containers. Do NOT use straight streams of water.

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

For disposal see section 13

7.1 Precautions for safe Handling

Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Do not get on skin or in eyes. Do not ingest or inhale. Use with adequate ventilation. Avoid contact with air and sunlight. Discard contaminated shoes. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

7.2 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-



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ventilated area away from incompatible substances. Refrigerator/flammables. Do not expose to air. Store protected from light.

8.1 Control parameters

Components with workplace control Parameters.

8.2 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
Allyl Iodide	none listed	none listed	none listed

OSHA Vacated PELs: Allyl iodide: No OSHA Vacated PELs are listed for this chemical.

8.3 Personal Protective Equipment

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: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9.1 Information on Basic physical & chemical properties

Physical State	:	Liquid
Appearance	:	clear pink to brown
Odor	:	pungent odor
pH	:	Not available.
Vapor Pressure	:	Not available.
Vapor Density	:	5.8
Evaporation Rate	:	Not available.
Viscosity	:	Not available.
Boiling Point	:	102 - 103 deg C @ 760.00mm Hg
Freezing/Melting Point	:	-99 deg C
Decomposition Temperature	:	Not available.
Solubility	:	practically insoluble



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Specific Gravity/Density : 1.8370g/cm³
Molecular Formula : C₃H₅I
Molecular Weight : 167.98

9.2 Other safety Information

No data available

10.1 Chemical Stability : Stable under normal temperatures and pressures.

10.2 Conditions to Avoid : Light, ignition sources, exposure to air, excess heat, loss of inhibitor.

10.3 Incompatibilities with Other Materials : Strong oxidizing agents.

10.4 Hazardous Decomposition Products : Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, copper fumes.

10.5 Hazardous Polymerization : May occur.

10.6

11.1 Information on toxicological effects

CAS# 556-56-9 RTECS: UD0450000

LD50/LC50:

CAS# 556-56-9:

Oral, rat: LD50 = 10 mg/kg;

Carcinogenicity:

CAS# 556-56-9 : Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology : No information available.

Teratogenicity : No information available.

Reproductive Effects : No information available.

Mutagen city : No information available.

Neurotoxicity : No information available.

12.1 Ecotoxicity : No data available. No information available.

12.2 Environmental : Rapidly volatilizes into the atmosphere.

12.3 Physical : No information available.

12.4 Other : No information available.



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13.1 Waste treatment methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

DOT Classification : CLASS 3
Identification : UNNA: 1723 PG: II
Special Provisions for Transport : Not available.

US FEDERAL

TSCA

CAS# 556-56-9 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 556-56-9 can be found on the following state right to know lists: New Jersey.

California Prop 65



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California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

C

Risk Phrases:

R 10 Flammable.

R 34 Causes burns.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 7 Keep container tightly closed.

WGK (Water Danger/Protection)

CAS# 556-56-9: No information available.

Canada - DSL/NDSL

CAS# 556-56-9 is listed on Canada's NDSL List.

Canada - WHMIS

This product has a WHMIS classification of B2, E.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

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.