

BULK AROMA



SAFETY DATA SHEET

PRODUCT NAME: Dihydro IsoJasmone 85% - PK-100AU
Intended Use: Perfumery & Food Ingredients
Revision Date: 29.05.2026
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1. IDENTIFICATION

Product and supplier tracking records

Product Description	Dihydro IsoJasmone 85% - PK-100AU
Chemical Name	2-hexylcyclopent-2-en-1-one / Dihydro Isojasmone
CAS Number	95-41-0
FEMA Number	3552
Recommended Use	Concentrated aromatic and flavor ingredient which may be used in flavor and fragrance compounds according to legal and IFRA or FEMA GRAS/FDA guidelines.
Restrictions on Use	For Manufacturing Use Only

2. HAZARD(S) IDENTIFICATION

GHS Classifications and safety precautions

Physical Hazards	Not classified under standard physical hazard constraints.
Health Hazards	Acute toxicity, oral — Category 5; Skin corrosion/irritation — Causes mild skin irritation.
Environmental Hazards	Not classified under standard raw regulatory tracking matrices.
Signal Word	Warning

Hazard Statements

May be harmful if swallowed. Causes mild skin irritation.

Precautionary Statements:

- Prevention: Observe good industrial hygiene practices. Wear protective gloves/clothing/eye protection/face protection. Wash hands thoroughly after handling.
- Response: IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention.
- Storage: Store away from incompatible materials.
- Disposal: Dispose of waste and residues in accordance with local authority requirements.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical component breakdown

Chemical Name	DIHYDRO ISO JASMONE
Common Name & Synonyms	2-hexylcyclopent-2-en-1-one; 2-hexylcyclopenten-1-one; dihydroisojasmone
Formula	C11 H18 O
Molecular Weight	166.26 g/mol
CAS Number	95-41-0
ECHA EINECS Number	202-417-5
Concentration Range	85% (Pure substance baseline profile)

4. FIRST-AID MEASURES

Emergency treatment directives following accidental exposure

- General First-Aid: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
- Eye Contact: Rinse immediately with plenty of water for at least 10 minutes, lifting eyelids. Contact physician if symptoms persist.
- Skin Contact: Take off immediately all contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Contact physician if symptoms persist.
- Inhalation: Remove person to fresh air and keep at rest. Seek immediate medical advice.

- Ingestion: Rinse mouth with water. Obtain medical advice. Do NOT induce vomiting.
- Most Important Symptoms: Direct contact with eyes may cause temporary irritation. Causes mild skin irritation.

5. FIRE-FIGHTING MEASURES

Extinguishing properties and firefighting tactical thresholds

Suitable Extinguishing Media	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire. For safety reasons do not use full water jet.
Specific Chemical Hazards	Fire may produce irritating, corrosive and/or toxic gases. Static charges generated by emptying package in or near flammable vapor may cause flash fire.
Protective Gear for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers. Firefighters must use standard protective equipment including a flame-retardant coat, helmet with face shield, gloves, rubber boots, and positive-pressure SCBA.

6. ACCIDENTAL RELEASE MEASURES

Response protocol for spills, leaks, or environmental releases

- Personal Precautions: Use individual protective equipment (waterproof boots, suitable protective clothing, safety glasses). Prevent any contact with hot surface. Do not approach facing the wind. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away.
- Environmental Precautions: Avoid discharging into drains, surface waters, or groundwaters in order to prevent contamination of the environment.
- Methods for Cleaning Up: Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material or sweep up and remove to an approved disposal container. Avoid open flames or other sources of ignition.

7. HANDLING AND STORAGE

Safe process manipulation and storage constraints

- Precautions for Safe Handling: Apply according to good manufacturing and industrial hygiene practices/proper ventilation. Wear protective clothing and use glasses. Do not drink, eat or smoke while handling. Respect good personal hygiene. Ground and bond handling hardware.
- Conditions for Safe Storage: Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Keep away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace threshold limits and required protective wear

- Occupational Exposure Limits: This substance has no established PEL, TLV, or other recommended exposure limits.
- Appropriate Engineering Controls: Use explosion-proof ventilation equipment to stay below exposure limits. Ensure good ventilation of the work station.
- Eye Protection: Use safety glasses.
- Hand Protection: Avoid skin contact. Use chemical resistant gloves as needed.
- Respiratory Protection: Avoid breathing directly on the product. Apply local ventilations appropriate.
- Work/Hygienic Practices: Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Empirical data constants and state metrics

Appearance	Colorless to pale yellow clear liquid.
Odor	Characteristic floral jasmine-like tone.
pH / Melting Point	Not available
Initial Boiling Point	230.0 °C (446.0 °F)
Flash Point	> 212.00 °F TCC (> 100.00 °C)
Vapor Pressure / Density	0.02 mm Hg @ 25 °C / 5.7 (Air = 1)
Specific Gravity @ 20°C	0.9120 TO 0.9170
Specific Gravity @ 25°C	0.9100 TO 0.9170
Solubility (Water)	Insoluble in water
Flammability Class	Combustible Liquid Class IIIB (estimated)
Explosive / Oxidizing	Not explosive; Not oxidizing.

10. STABILITY AND REACTIVITY

Baseline stability parameters and interactive vulnerabilities

Reactivity	It presents no significant reactivity hazards, by itself or in contact with water. The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under normal conditions.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Excessive heat, open flames or other sources of ignition, otherwise stable at ambient conditions. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible Materials	Strong acids, alkali or oxidizing agents. Strong oxidizing agents.
Hazardous Decomposition Products	No hazardous decomposition products if stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Human health risk assessments and toxic metrics

Oral Toxicity (LD50)	> 5000 mg/kg
Test Organism	Rat
Dermal Toxicity (LD50)	>= 5000 mg/kg (Rabbit / Presumed Non-Toxic)
Skin Corrosion/Irritation	Causes mild skin irritation.
Serious Eye Damage/Irritation	Direct contact with eyes may cause temporary irritation.
Carcinogenicity	Not listed as a carcinogen by IARC, OSHA, or NTP.

12. ECOLOGICAL INFORMATION

Eco-system footprint and movement parameters

- **Ecotoxicity:** The product is not classified as environmentally hazardous. However, prevent large or frequent spills from entering waterways to avoid damaging local ecosystems.
- **Biodegradability:** Not determined
- **Precautions:** Prevent from contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS

Prescribed pathways for chemical residues

- **Disposal Instructions:** In accordance with local environment laws, do not drain system into the environment.
- **Waste From Residues / Empty Containers:** Empty containers retain product residue. Follow label warnings even after container is emptied. Take to an approved site for recycling or disposal.

14. TRANSPORT INFORMATION

Regulatory maritime, rail, land, and aviation logistics configurations

REGULATORY BLOCK	RID / ADR	IMDG	ICAO / IATA
Class	Not restricted	Not restricted	Not restricted
UN / ID Number	Not restricted	Not restricted	Not restricted
Packing Group	Not restricted	Not restricted	Not restricted
Proper Shipping Name	Not restricted	Not restricted	Not restricted
Marine Pollutants	No	No	No

15. REGULATORY INFORMATION

Compliance mandates and regional listings

OSHA Compliance Status	This product is a 'Hazardous Chemical' as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Status	All components of this product are active or listed on the United States Environmental Protection Agency TSCA active list.
SARA 311/312 Hazardous Chemical	No
SARA 313 (TRI Reporting)	Not regulated.
Label Labeling Identification	Dihydro IsoJasmone 85% - PK-100AU

16. OTHER INFORMATION

Document tracking records, ratings, and standard disclaimers

HMIS® Ratings	Health: 1 Flammability: 1 Physical Hazard: 0
Disclaimer Clause	The information contained in the present MSDS, according to regulation 1907/2006, is based on our knowledge and experience at the moment of publishing it. This document tries to give information about the Correct use, storage and transport. Provides the information contained herein in a good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose and take the responsibility for observing existing laws and regulations.

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