

Material Safety Data Sheet DIHYDROMYRCENE

SECTION 1.1 – PRODUCT IDENTIFICATION

Product Name : DIHYDROMYRCENE
Molecular Formula : $C_{10}H_{18}$
Molecular Weight : 138.25 g/mole
CAS No. : 2436-90-0

SECTION: 1.2 COMPANY IDENTIFICATION

Company Name: Indenta Chemicals (India) Pvt. Ltd.

Address: 117, The Summit Business Bay, Opp Cinemax, Off. Sir M.V. Road, Near WEH Metro Station, Andheri (E), Mumbai 400 093, India

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SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
DIHYDROMYRCENE	2436-90-0	100

Toxicological Data on Ingredients: No Data Available

SECTION 3: HAZARD IDENTIFICATION

3.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flammable liquids, Hazard Category 3; Aspiration hazard, Hazard Category 1;

Skin corrosion/irritation, Hazard Category 2; Sensitisation — Skin, Hazard Category 1B.

Classification according to the Directive 67/548/EEC.

Hazard Symbols:

Xn Harmful

Risk Phrases:

R10 Flammable.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R65 Harmful: may cause lung damage if swallowed.

3.2 Label elements

Labelling according Regulation (EC) No



Pictogram

Indenta Chemicals (India) Pvt. Ltd.

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Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302



Signal word Danger

Hazard statement(s)

H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
 P280 Wear protective gloves/eye protection/face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P331 Do NOT induce vomiting.
 P370+P378 In case of fire: Use foam or dry powder for extinction.

Supplemental Hazard

Statements none

3.3 Other hazards

Not available.

SECTION 4: FIRST AID MEASURES

4.1 Description of first-aid measures

If inhaled

Remove person to fresh air and keep at rest.

In case of skin contact

Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

In case of eye contact

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

If swallowed

If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Aspiration hazard. May cause lung damage if swallowed (aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract. Irritating to skin or mucous membranes (inflammation). May produce an allergic reaction (rash, urticaria).

Read label before use. No additional information available.

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing media

Recommended: Foam or dry powder. For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture

Not applicable.

5.3 Advice for firefighters

Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapours. Use appropriate respiratory protection. Prevent run-off from fire fighting

to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition. Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions

Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and materials for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections

See section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from food, drink and animal feedingstuffs. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Declaration of substances is not required.

8.2 Exposure controls

Personal protection equipment

Use personal protection equipment according to Directive 89/686/EEC.

Eye/Face protection

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Respiratory Protection

Use personal breathing apparatus whenever deemed necessary.

Skin Protection

Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Engineering Controls-Ventilation

The areas where the product is handled and stored should be adequately ventilated.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Liquid
	Color: Practically colourless
b) Odor	Pine

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	159 °C
g) Flash point	36 °C
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	No data available
m) Relative density	0.761 g/cm ³ (20 °C)
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition 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
u) Refractive Index	1,429 - 1,449 (20 °C)

9.2 Other safety information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

10.4 Conditions to avoid

Avoid excessive heat, sparks or open flame.

No special precautions other than good housekeeping of chemicals.

10.5 Incompatible materials

Oxidizing mineral acids, Strong Oxidizing Agents.

10.6 Hazardous decomposition products

Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological effects: See also sections 2 and 3.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not determined.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

Not determined.

12.6 Other adverse effects

Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods**Container disposal**

Do not reuse empty containers.

Disposal conditions

Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: TRANSPORT INFORMATION

International Carriage of Dangerous Goods by Road (ADR)

UN No.:	UN2319
Proper Shipping Name:	TERPENE HYDROCARBONS, N.O.S.
Packing Group:	III
Class:	3
Tunnel restriction code:	(D/E)



Label:

3

Air Transport (ICAO/IATA)

UN No.:	UN2319
Proper Shipping Name:	Terpene hydrocarbons, n.o.s.
Class:	3
Packing Group:	III

Sea Transport (IMDG)

UN No.:	UN2319
Proper Shipping Name:	Terpene hydrocarbons, n.o.s.
Class:	3
Packing Group:	III
EmS:	F-E,S-D
Marine Pollutant:	No

SECTION 15: OTHER REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances are either included in EINECS, ELINCS, NLP inventories or exempt.

15.2 Chemical Safety Assessment

Not available.

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

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