

Material Safety Data Sheet VETIVERYL ACETATE

SECTION 1.1 – PRODUCT IDENTIFICATION

Product Name : VETIVERYL ACETATE
Molecular Formula : $C_{17}H_{26}O_2$
Molecular Weight : 262.38 g/mole
CAS No. : 68917-34-0

SECTION: 1.2 COMPANY IDENTIFICATION

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

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SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
VETIVERYL ACETATE	68917-34-0	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

Sensitisation — Skin, Hazard Category 1B; H317

Hazardous to the aquatic environment — long-term hazard, category chronic 2; H411.

3.2 Label elements

Labelling according Regulation (EC) No



Pictogram

Signal word

Warning

Hazard statement(s)

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

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

P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to an approved waste disposal plant.
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

May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing media

Carbon dioxide, dry chemical powder or appropriate foam.

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

In case of fire in the surrounding area, follow the recommendations below:

- 1-Closed containers may build up pressure at elevated temperatures.
- 2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
- 3-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

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 also sections 8 and 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

Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425.

Engineering Controls-Ventilation

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

Respiratory Protection

Use personal breathing apparatus whenever deemed necessary.

Skin Protection

Avoid contact with skin. Compatible chemical-resistant gloves are recommended.

Rinse and remove gloves immediately after use. Wash hands with soap and water thoroughly after handling.

Eye/Face protection

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Viscous Liquid Color: Pale yellow - orange
b) Odor	Woody, sweet, spicy
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	285 °C
g) Flash point	108 °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	0.975 - 1.005 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	1.505 - 1.521 (20 °C)

9.2 Other safety information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data 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

Heat, flames and other sources of ignition.

No special precautions other than good housekeeping of chemicals.

10.5 Incompatible materials

Oxidizing mineral acids, strong reducing agents, 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

Acute toxicity

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Skin corrosion/irritation

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Serious eye damage/eye irritation

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Respiratory or skin sensitization

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Germ cell mutagenicity

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Carcinogenicity

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Reproductive toxicity

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Specific target organ toxicity - single exposure

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Specific target organ toxicity - repeated exposure

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Aspiration hazard

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Not determined

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

Not available.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Container disposal:

Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.

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.: UN3082
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Vetiveria zizanioides, extract, acetylated)
Packing Group: III
Class: 9
Tunnel restriction code: (E)



Label:

Sea Transport (IMDG)

UN No.: UN3082
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Contains Vetiveria zizanioides, extract, acetylated)
Packing Group: III
Class: 9

Marine Pollutant:

Yes

**Label:****Air Transport (ICAO/IATA)****UN No.:**

UN3082

Proper Shipping Name:Environmentally hazardous substance, liquid,
n.o.s. (Mixture of Vetiveria zizanioides, extract, acetylated)**Packing Group:**

III

Class:

9

**Label:****SECTION 15: OTHER REGULATORY INFORMATION**

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

Not available

15.2 Chemical Safety Assessment

Not available

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

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