

PRODUCT: VETIVER OIL

Revision date: 03/13/2023

Version: 4

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: VETIVER-MG-HB

Chemical name: Vetiveria zizanioides, oil

CAS: 8016-96-4

EC Number: 282-490-8

Index No.:

REACH Registration number: N/A

1.2 Relevant identified uses of the substance or mixture: Industrial uses. Formulation [mixing] of preparations.

Uses advised against: Other uses than those recommended

1.3 Details of the supplier of the safety datasheet:

Scent.vn Company Limited

Email: lienhe@scent.vn

Phone: 078.531.0501

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008.

Sensitization — Skin, Hazard Category 1B; H317.

2.1 Label elements

EC Number: 282-490-8

Vetiveria zizanioides, oil



Signal Word: Warning

Hazard Statements:

H317: May cause an allergic skin reaction.

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P280: Wear protective gloves.

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

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.

2.2 Other hazards

No Information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Concentration range of the constituent (% weight/weight)	EC Number / Registration Number	CAS	Chemicalname
100%	282-490-8	8016-96-4	Vetiveria zizanioides, oil

The chemical identity of any impurity, stabilizing additive, or individual constituent other than the main constituent:

Concentration (%)	CAS	EC Number	Chemical name	Hazard Class and Category Code; Hazard statement codes
<4,00	15764-04-2		ALFA VETIVONA	Skin Sens. 1B;H317 [1]
<4,00	18444-79-6		BETA VETIVONA	Skin Sens. 1B;H317 [1]
<0,50	98-01-1	202-627-7	2-Furaldehyde	Acute Tox. 2;H330-Acute Tox. 3;H301- Acute Tox. 4; H312- Skin Irrit. 2;H315-Eye Irrit. 2;H319- Carc. 2;H351- STOT SE 3;H335[1]

[1] Constituent.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Consumption:	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. DO NOT induce vomiting.
Eye contact:	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Inhalation:	Remove person to fresh air and keep at rest.
Skin contact:	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: FIREFIGHTING MEASURES

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 vapors. Use appropriate respiratory protection.
- 3- Prevent run-off from fire fighting to enter drains or waterways.

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 vapors 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 material 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 feeding stuffs. 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 in compatibilities:

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.

7.3 Specific end use(s):

Not available.

SECTION 8: EXPOSURE CONTROLS/ 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.
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. Wash contaminated gloves before reuse.
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

Appearance:	VISCOUS LIQUID
Color:	BROWNISH YELLOW - REDDISH BROWN
Odor:	WOODY, EARTHY
Density:	1.009 g/cm ³ (20 °C)
Flash point:	130 °C
Additional information:	Not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal operating 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.

10.5 Hazardous decomposition products

Carbon monoxide and other unidentified organic compounds maybe 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/irritation	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
Respiratory or skin neutralization	This substance meets 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.
STOT-single exposure	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
STOT-repeated exposure	This substance does not meet the criteria for classification in accordance with Regulation(EC) No 1272/2008.
Aspiration toxicity	This substance does not meet the criteria for classification in accordance with Regulation (EC)No 1272/2008.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Acute aquatic toxicity:

No information available.

12.2 Persistence and degradability:

No information available.

12.3 Bioconcentration Factor:

No information available.

12.4 Mobility in soil:

No information available.

12.5 Results of PBT and vPvB assessment:

Not determined.

12.6 Other adverse effects: Do not allow to get into waste water or waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

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 neutralize. 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

14.1 INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)

UN No.:	N/A
Proper Shipping Name:	Not subject to ADR.
Packing Group:	-
Class:	-
Tunnel restriction code:	-
Label:	-

14.2 SEA TRANSPORT (IMDG)

UN No.:	N/A
Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Marine Pollutant:	No
Label:	-

14.3 AIR TRANSPORT (ICAO/IATA)

UN No.:	N/A
Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Label:	-

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture:** No information available.
- 15.2 Chemical safety assessment:** No information available.

SECTION 16: OTHER INFORMATION

Hazard statements

- H226: Flammable liquid and vapor.
- H228: Flammable solid.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H410: Very toxic to aquatic life with long lasting effects.

Key literature references and sources for data:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
3. OSHA (US) 29 CFR 1910.1200 and 49 CFR, modifying the Hazard Communication Standard and aligning it with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

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