

VETIVER GOLD

PRODUCT CODE: GF5099

Issue Date: May 2026

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Trade name	VETIVER GOLD OIL
Botanical name	Vetivera Zinanoides
INCI Name	Vetiveria Zizanoides (Vetiver Gold) Root Oil
REACH Reg. No.	N/A
CAS-No. (TSCA)	8016-96-4; 84238-29-9
EC No.	N/A
CoE No.	N/A
EINECS No.	282-490-8
FEMA No.	N/A
FDA No.	N/A
Use of the substance/mixture	Raw material used in natural perfumery and/or cosmetics. Recommended restrictions on use : Aromatherapy, natural perfumery, uses other than those recommended. Do not ingest.
Company Name	Gattefossé Aromatherapy
Website	www.gattefossé.tw

2. HAZARD(S) IDENTIFICATION

Acute Toxicity Oral, Category 4	
Skin Corrosion/Irritation, Category 2	Serious eye damage/eye irritation, Category 2/2A Specific Target Organ toxicity - single exposure, Category 3 Hazardous to aquatic environment Long term/Chronic, Category 3
Irritation.	CENTER/doctor/physician/ if you feel unwell.
Signal word	Warning
Hazard statements	H302 – Harmful if swallowed. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory Irritation. H412 - Harmful to aquatic life with long-lasting effects.
Precautionary statements	P102- Keep out of reach of children. P264–Wash hands thoroughly after handling. P270– Do not eat, drink, or smoke when using this product. P301+ P312– IF SWALLOWED: Call a POISON CENTER/doctor/physician/ if you feel unwell. P330– Rinse mouth. P501– Dispose of contents/container to an approved waste disposal plant. P280– Wear protective gloves/protective clothing/eye protection/face protection. P302+ P352– IF ON SKIN: Wash with plenty of water/soap. P332+ P313– If skin irritation occurs: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical / INCI Name	CAS number
Vetiveria Zizanoides (Vetiver) Rot Oil	8016-96-4

4. FIRST-AID MEASURES

Eye contact	Check for and remove any contact lenses. Flush with water for 15 minutes. If symptoms persist get medical attention.
Skin Contact	No harmful effect with normal skin. If skin irritation does occur, wash with water and soap and rinse thoroughly. If skin irritation
continues, consult a doctor.	
Inhalation	Not likely to occur under normal conditions of use. If symptoms occur, move to fresh air and obtain medical advice.
Ingestion	Not an expected route of exposure. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with milk or water and consult a doctor. Keep the exposed person at rest. Do NOT force vomiting unless directed to do so by medical personnel. Seek immediate medical attention and show the Substance's label to medical personnel.
Eye contact	May cause eye irritation and corneal damage if not immediately rinsed out.
Skin Contact	Repeated contact may cause allergic dermatitis.
Inhalation	Breathing high concentrations of vapor may cause anesthetic effects.
Ingestion	
Not an expected route of exposure.	
None known.	

5. FIRE-FIGHTING MEASURES

130°C Suitable extinguishing media: sprayed water or water mist, alcohol-resistant foam, multipurpose ABC powder, BC powder, carbon

dioxide (CO2).	Unsuitable extinguishing media: water jet (straight stream).
None known	Use self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Stop leak if you can do so without risk. Consult safety measures listed under Sections 7 and 8.

For fire-fighters	Fire-fighters will be equipped with suitable personal protective equipment (See Section 8). High temperature may increase the pressure inside the container—cool the container by sprinkling water. Avoid breathing emitted vapors. Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, or diatomaceous earth in drums for waste disposal. Avoid allowing product to reach sewage system or any waterways. Inform respective authorities in case of seepage into sewage system or waterways. Absorb spill with non-combustible matter (such as detergent--do not use solvents) and transfer to containers.
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7. HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practice. Avoid unintentional contact with skin surfaces. Wear suitable protective clothing. Avoid inhalation. Ensure good ventilation or exhaust in workplace. Do not allow contact with eyes. Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate

ventilation, especially in confined areas.	Store in closed glass containers, away from heat, light and other sources of ignition. Store in cool area.
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8. EXPOSURE CONTROL / PERSONAL PROTECTION

OSHA TWA	None established
OSHA STEL	None established
ACGIH TWA : None established	
ACGIH STEL : None established	
NOHSC TWA : None established	
NOHSC STEL : None established	General room or local exhaust ventilation is usually required to meet exposure limit(s). Electrical equipment should be grounded
and conform to applicable electrical code.	
Personal protective equipment	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place away from the work area. Never eat, drink, or smoke during use. Remove and wash contaminated clothing before
re-using.	
Eye/face protection	Avoid contact with eyes. Use eye protectors (safety goggles in accordance with standard EN166) designed to protect against
liquid splashes.	
Hand protection	Wear suitable protective gloves (resistant to chemical agents in accordance with standard EN374) in the event of prolonged
or repeated skin contact.	Type of gloves recommended: Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR)) or PVA (Polyvinyl alcohol).
Body protection	Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have
been soiled must be washed.	

9. PHYSICAL-CHEMICAL PROPERTIES

Physical state: Transparent, slightly viscous liquid

Color: Brown yellowish to dark brown

Odor Clean, sweet, earthy, woody and slightly

Miscibility in water: Insoluble

Miscibility in alcohol: Soluble

Miscibility in essential oil: Soluble

Liposolubility: Liposoluble

pH: Not specified

Boiling point/boiling range: Not specified

Flash Point: 130oC

Vapor pressure: Not specified

Evaporation rate: Not specified

Density @ 23 °C: Not specified

Water solubility: Insoluble

Self-ignition temperature: Not specified

Decomposition point/decomposition range: Not specified

Refractive index @ 20°C: 1.52 - 1.53

Partition coefficient: Not specified

Specific gravity @ 20 °C: 0.980 - 1.038

10. STABILITY AND REACTIVITY

Not reactive.

This substance is stable under the recommended handling and storage conditions in Section 7. When exposed to high temperatures, the substance may release hazardous decomposition products, such as carbon monoxide,

carbon dioxide, fumes, and nitrogen oxide.

Heat, open flame, sunlight.

Alkali metals, ammonia, oxidizing agents, peroxides strong inorganic acids.

No data available.

11. TOXICOLOGICAL INFORMATION

11. 1 Substance

Acute toxicity

Oral, LD50 1400 mg/kg (rat).

Dermal, LD50 >5000 mg/kg (rabbit).

Skin corrosion/irritation

May be irritating to skin.

Serious eye damage/irritation

May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage.

Respiratory sensitization

Breathing high concentrations of vapor may cause anesthetic effects.

Germ cell mutagenicity

Not specified.

Carcinogenicity

IARH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

Reproductive toxicity

Not specified.

STOT-single exposure

Not specified.

STOT-related exposure

Not specified.

Aspiration hazard

Not specified.

Skin/scalp contact.

None known. Irritation of the eye if exposed. Redness of the skin if irritated. Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver, and central nervous system. Repeated or prolonged contact with the substance may cause removal of natural oil from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible damage.

Not specified.

Not specified.

Not specified.

Not specified.

None

12. ECOLOGICAL INFORMATION

Balance of data on substance as a whole, not determined. See each category below for specific substances

Acute fish toxicity

LC50 / 96 HOUR – No data available

Toxicity to aquatic plants – No data available

Toxicity to microorganisms – No data available

Toxicity threshold – No data available

Biodegradation is expected

Bioaccumulation is unlikely

Unknown

Avoid exposure to marine environments and waterways

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways. Observe all federal, state, and local environmental regulations. Member State-specific and Community-specific provisions must be considered. Considering the relevant known environmental and human health hazards of the materials, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental release. This may include destructive techniques for waste and wastewater. In extreme situations, contact a licensed professional waste disposal service to dispose of this material.

Waste

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC. Do not pour into drains or waterways. Waste management is carried out without endangering human health, without harming the environment, and in particular without risk to water, air, soil, plants, or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Soiled packaging

Empty all containers completely. Keep label(s) on every container. Give to a certified disposal contractor. Avoid disposing to drainage systems and into the environment. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Seek expert advice. Or follow the provisions of directive 2008/98/EC regarding

waste management.

14. TRANSPORT INFORMATION

N/A

N/A

Not regulated

Not regulated

Not regulated

Not specified

Not specified

Not specified

15. REGULATORY INFORMATION

Country	Notification
Canada	Not regulated
EU	See EU Allergens in Section 3
Hong Kong	Not regulated
Singapore	Not regulated
USA	Not regulated by Federal or State Regulations
California Prop. 65 Components	This product contains chemicals known to the State of California to cause cancer, birth defects, and/or reproductive

harm. See Section 3 for details.

16. OTHER INFORMATION

Further information	The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any
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process, unless specified in the text.

Disclaimer	The information in this Material Safety Data Sheet (MSDS) is believed to be accurate as of the date issued. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED IS MADE CONCERNING THE ACCURACY, COMPLETENESS OR RELIABILITY OF THE INFORMATION PROVIDED HEREIN, INCLUDING BUT NOT LIMITED TO, WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR COURSE OF PERFORMANCE. The information provided relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Since the conditions and methods of handling, storage, use and disposal of the product are beyond the control of Intelligent Nutrients, Intelligent Nutrients expressly disclaims any and all liability, loss or damage arising out of or relating to the use, storage, handling or disposal of the product or reliance on the information in this MSDS. Users are cautioned to satisfy themselves as to the suitability of said information, procedures and recommendations for the purposes intended prior to use.
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Acronyms

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number Hazchem Number : Emergency action code of numbers and letters that provide information to emergency services especially
firefighters	
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number Key literature references and sources for data
1.	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.

2.	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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.
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CONTACT POINT

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Revision	Date Prepared By Reviewed By
V.1	May 27, 2023 Siti Muyasaroh Eliest Listiani
V.2	June 25, 2025 Siti Muyasaroh Eliest Listiani
V.3	Please read all labels carefully before using product.