



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1 – IDENTIFICATION

Product Name: Vetiveryl Acetate

Botanical Source: *Chrysopogon zizanioides* (L.) Roberty (Syn. *Vetiveria zizanioides*)

INCI Name: Vetiveria Zizanioides Root Oil Acetate / Vetiveryl Acetate

CAS Number: 84082-84-8

EC Number: 282-490-8

Product Type: Natural Vetiver Derivative (Acetylated Vetiver Fraction)

Origin: Indonesia

Recommended Use: Professional Perfumery Raw Material

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Skin Sensitisation – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Warning

Hazard Statements



H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours or mists.
- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P337+P313 If eye irritation persists: Get medical advice.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Vetiveryl Acetate
CAS Number	84082-84-8
EC Number	282-490-8
Purity	Natural Acetylated Vetiver Fraction
Source	Indonesian Vetiver Oil
Manufacturing Process	Acetylation of Natural Vetiver Alcohol Fraction

Typical Constituents

- Vetiveryl Acetate
- Khusimyl Acetate
- Acetylated Sesquiterpene Alcohols
- Minor Oxygenated Vetiver Constituents
- Trace Natural Vetiver Alcohols

SECTION 4 – FIRST AID MEASURES



Inhalation

Move exposed person to fresh air.

Seek medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical advice if irritation or sensitisation develops.

Eye Contact

Flush immediately with water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Do NOT induce vomiting.

Seek immediate medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical
- Alcohol-resistant foam
- Water mist

Unsuitable Media

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide



- Smoke
- Irritating organic vapours

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent entry into drains and waterways.

Absorb with sand, vermiculite or inert absorbent.

Collect into suitable waste containers.

Clean contaminated surfaces thoroughly.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid prolonged contact with skin and eyes.

Keep containers tightly closed.

Protect from heat, sunlight and oxidising agents.

Recommended Storage Temperature: 15–25 °C

Store in amber glass or lacquer-lined aluminium containers.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Adequate ventilation.

Eye Protection

Chemical safety goggles.



Hand Protection

Chemical-resistant nitrile gloves.

Respiratory Protection

Normally not required under recommended conditions.

Skin Protection

Protective laboratory clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear viscous liquid
Colour	Pale Amber to Amber Brown
Odour	Elegant woody, dry, smooth, earthy vetiver with refined acetate character
Relative Density (20 °C)	0.980–1.020
Refractive Index (20 °C)	1.500–1.525
Flash Point	>100 °C
Solubility	Insoluble in water
Solubility in Alcohol	Soluble

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid

- Strong oxidising agents
- Heat
- Open flames
- Prolonged exposure to air

Hazardous Decomposition Products



- Carbon monoxide
- Carbon dioxide
- Smoke

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

Skin

May cause skin irritation.

May cause allergic skin reaction.

Eyes

May cause serious eye irritation.

Inhalation

High vapour concentrations may irritate the respiratory tract.

Carcinogenicity

Not classified.

Mutagenicity

Not classified.

Reproductive Toxicity

Not classified.

SECTION 12 – ECOLOGICAL INFORMATION



Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

Potential for bioaccumulation exists due to its hydrophobic nature.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose through an authorised waste contractor.

Do not discharge into drains.

Dispose according to local and national environmental regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation		Status
UN Number	UN3082	
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S. (Vetiveryl Acetate)	
ADR/RID	Class 9	
IMDG	Class 9	
IATA	Class 9	
Packing Group	III	

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION



Vetiveryl Acetate (Indonesia) is a premium natural perfumery ingredient produced by acetylation of selected Indonesian vetiver oil fractions. Compared with untreated vetiver oil, it exhibits a cleaner, softer and more elegant woody profile with reduced smoky facets, exceptional substantivity and excellent fixative performance. It is extensively used in fine fragrance, luxury woody accords, fougère, amber, leather and oriental compositions.

This material is intended exclusively for professional fragrance formulation and research applications.

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