



VANILLA TRADING
WE TRADE QUALITY SPICES

VANILLA TRADING (M) SDN. BHD.
202201031074 (1476771-V)

Address : 1A & 3A , Jalan Panglima,
30000 Ipoh Perak Malaysia.

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MATERIAL SAFETY DATA SHEET

VANILLA ABSOLUTE

SECTION I : IDENTIFICATION

Manufactures's name : VANILLA TRADING (M) SDN BHD
Manufactures's address : 1A & 3A, Jalan Panglima, 30000 Ipoh Perak Malaysia.
Manufacturer's phone : +605-2559123
Chemical name : 100% extract of vanilla beans (V . planifolia L.) Organically grown in Papua New Guinea. Extract prepared using HFC 134a. Contains NO added ALCOHOL. Contains NO hexane.

CAS number : 8024-06-4
FEMA number : 3105
FDA number : l82.20
EINECS number : 283.521.8

SECTION II: DESCRIPTION

Appearance : Light brown to brown black of vanilla oil. The crystalline Material may settle out in the oil on standing. Stirring will re-suspend these solid.

Organoleptic properties : Rich aroma of vanilla

Ingredients : 100% oil prepared from Vanilla beans (V.planifolia L) Organically grown in Papua New Guinea. Extracted with HFC 134 a. Contains no alcohol or hexane .Contains no food additives or preservatives.

Residual solvent : Less than 1 part per million w/w .
Solubility of oil : Insoluble in water, soluble in alcohol and vegetable oils
Packaging : Various (customized by customer request).
Storage : Store in sealed, full containers (i.e. in the absence of oxygen), indark, cool and dry conditions. Protect against any physical damages.

Handling : Wear protective gloves and clean body-covering clothes . Avoid eye and skin contact. Do not ingest. Do not breathe. Vapour for long periods.

Shelf life : More than two years depends on the method of storage and handling.

SECTION III: HAZARD

Flash point : (Closed cup) > 90°C
Flammability : Can be ignited with great difficulty
Extinguishing media : Fog = yes, Appropriate foam=yes, CO2= yes
Dry chemical=yes, Water spray =yes.

Unusual fire hazards : None
Explosion hazard : None
Fire fighting : Kepp containers cool with water spray.
Polymerization hazard : None
Oxidizing agents : None
Stability : Stable
Hazardous combustion : Burning liberates carbon dioxide, carbon monoxide and smoke.

GHS label elements, including precautionary statements

Signal Word	Hazardous Statement	Precautionary Statement	Hazard Pictograms
Warning	H319 – Causes serious eye irritation	P102 - Keep out of the reach of children. P264 –Wash hands thoroughly after handling. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.Continue rinsing. P337 + P313 – If eye irritation persists: Get medical advice/attention.	

SECTION IV: PHYSICAL DATA

Appearance	: Light brown to brown black of vanilla oil.
Specific Gravity	: 0.960-1.054
Retractive index	: 1.489-1.500

SECTION V : EXPOSURE

Skin irritation	: Immediately flush skin with plenty of water for at least 15 Minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.
Eye contact	: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation develops.
Ingestion medical advice	: Give several glasses of water to drink to dilute. If large amounts were swallowed, get
Inhalation	: Move to fresh air. Get medical attention for any breathing difficulties.

SECTION VI : TRANSPORTATION

Indicate mode of transport	: Preferable air freight transport, keep in a cool chill place, do not expose to direct sunlight.
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SECTION VII : FIRE AND EXPLOSION DATA

Flammability of the product	: May be combustible at high temperature
Auto-ignition temperature	: 370 °C (698 °F) (NFPA Fire Protection Guide to Hazardous Materials, 13th ed., 2002; NIOSH ICSC, 2001; CHRIS, 2001) 392 C (739 F) (Lewis, 1997)
Flash points	: CLOSED CUP: 160 °C (320 °F). (Chemical Hazard Response Information System, 2001; Lewis, 1997). OPEN CU: 177 °C (350.6 °F) (Budavari, 2000; Chemical Response Information System, 2001; niosh icsc, 2001) OPEN CUP: 199 °C (390F) (National Fire Protection Association, Fire Protection Association, Fire Protection Guide to Hazardous Materials, 13 ed., 2002)
Flammable limits	: Lower: 0.9%
Products of combustion	: These products are products are carbon oxides (CO, CO2), irritating and toxic fumes.

SECTION VIII : ACCIDENTIAL RELEASE MEASURES

Small spill	: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large spill :	: Stop leak if without risk. If the product is in its solid form: use a hovel to put the material into a convenient waste disposal container. If the product is in its liquid form: do not get water inside container. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basement or confined areas; dike if needed. Elimination all ignition sources. Call for assistance on disposal. Finish cleaning by spreading water on and allow the contaminated surface to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

SECTION IX : HANDLING AND STORAGE

Precautions	: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
Storage	: Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic

SECTION X : EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering controls	: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal protection equivalent. Gloves.	: Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/ certified respirator or
Personal protection in case of a large spill	: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling the product.
Exposure limits	: TWA: 10 (mg/ m3) from ACGIH (TLV) (United States) (1999) Inhalation Total. TWA: 10 STEL: 20 (mg/ m3) (Canada) TWA: 10 STEL: 20 (mg/ m3) (Canada) TWA: 5 (mg/ m3) from OSHA (PEL) (United States) Inhalation Respirable. Consult local authorities for acceptable exposure limits.

SECTION XI : Physical And Chemical Properties

Physical state and appearance	: Liquid (viscous (Syrupy) liquid)
Odor	: Strong vanilin aroma
Taste	: Bitter
Molecular weight	: 92.09 g/mole
Color	: Dark yellow
PH (1% soln/water)	: Not available
Boiling point	: 290 °C (554 °F)
Critical temperature	: Not available
Specific gravity	: 1.2636 (water = 1)
Vapor pressure	: 0 kPa (@20 °C)
Vapor density	: 3.17 (Air=1)
Volatility	: Not available
Water/ Oil DistCoeff	: The product is more soluble in alcohol
Ionicity (in water)	: Not available
Dispersion properties	: See solubility in alcohol

SECTION XII : STABILITY AND REACTIVITY DATA

Stability	: The product is stable
Instability temperature	: Not available
Conditions of instability	: Avoid contact with incompatible materials, excess heat and ignition, sources, moisture.
Incompatibility with various substances	: Highly reactive with oxidizing agents
Corrosivity	: Non-corrosive in presence of glass

SECTION XIII : TOXICOLOGICAL INFORMATION

Routes of entry	: Absorbed through skin. Eye contact
Chronic effects on humans	: May cause damage to the following organs: kidneys
Other toxic effects on humans	: Slightly hazardous in case of skin contact (irritant), or (ingestion, of inhalation.

SECTION XIV : ECOLOGICAL INFORMATION

Ecotoxicity	: Ecotoxicity in water (LC50): 58.5 ppm 96 hours (Trout)
BOD5 and COD	: Not available
Products of biodegradation	: Possibly hazardous short term degradation products are not likely. How ever, long term degradation products may arise.
Toxicity of the products of biodegradation	: The products of degradation products are less toxic than the product itself.
Special remarks on the products biodegradation	: Not available

SECTION XV : DISPOSAL CONSIDERATIONS

Water disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION XVI : TRANSPORT INFORMATION

DOT classification : Not a DOT controlled material (United States)

Identification : Not applicable

Special provisions for transport : Not applicable

Transportation hazard classes

Road (U.S. DOT) : Not dangerous goods
Air (IATA) : Not dangerous goods
Sea (IMDG) : Not dangerous goods

14.1 UN Number

Not regulated

14.2 UN Proper Shipping Name

Not regulated

14.3 Transportation Hazard Classes

Road (U.S. DOT) : Not dangerous goods
Air (IATA) : Not dangerous goods
Sea (IMDG) : Not dangerous goods

14.4 Packing Group, If Applicable

N/A

14.5 Environment Hazards

Substance not determined. Avoid exposure to waterways.

14.6 Special Precautions For User

N/A

14.7 Transport In Bulk According To Annex II Of MARPOL 73/78 ° and IBC Code

Not specified.

14.8 Additional Transport Information

Not specified.

SECTION XVII : OTHER REGULATORY INFORMATION

WHMIS (Canada) : Not controlled under WHMIS (Canada).

DSCL (EEC) : Not available S24/25- Avoid contact with skin and eyes.

HMIS (U.S.A)

Health hazards : 1 (Slightly hazardous) – may cause mild skin/eye irritation
Fire hazards : 1 (Slight risk – combustible only at elevated temperatures)
Reactivity : 0 (Stable under normal conditions)
Personal protection : B (Gloves and safety glasses recommended)

National fire protection association (U.S.A) :

Health : 1
Flammability : 1
Reactivity : 0
Specific hazards : None

Protective equipment : Gloves. Lab coat. Vapor respirator. Be sure to use an approved/ certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.