

MATERIAL SAFETY DATA SHEET (According to EC Directive 91/155/EEC)

VANILLA BOUQUET EFF52482

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Date: 27 July 2005

MSDS Revision: 02

Date created: 24/12/03

1. Identification of the substance/ preparation and company

Product name : VANILLA BOUQUET EFF2482
Company name : European Flavours & Fragrances Plc
Company address : Factory Unit
Marsh Lane
Ware
Herts
SG12 9QB
Emergency phone : 01920 485485
Fax : 01920 485400

2. Composition/ information on ingredients

Chemical identification: Fragrance composition: multi component mixture of natural and synthetic aromatic materials.

CAS number : Not applicable, product is a mixture.

EINECS number : Not applicable, product is a mixture.

Contains	CAS/EINECS	Hazard Symbols	Conc%
Aldehyde C12L	112-54-9 / 203-983-6	Xi-N; R 38-51/53	0.1-1
Allyl Amyl Glycollate	67634-00-8 / 266-803-5	Xn; R 22-38	1-5
Benzyl Acetate	140-11-4 / 000-000-0	Xi; R 36/37/38	1-5
Beta Pinene	127-91-3 / 204-872-5	Xn-N; R 10-50/53-65	0.1-1
Citronellol	106-22-9 / 203-375-0	Xi-N; R 38-43-51/53	1-5
Lemon terpenes	68917-33-9 000-000-0	Xn-N; R 10-38-50/53-65	0.1-1
Litsea Cubeba	68855-99-2 / 290-018-7	Xi; R 38	1-5
Orange Terpenes	8028-48-6 / 232-433-8	Xn-N; R 10-38-50/53-65	1-5
P.T.B.C.H.A	32210-23-4 / 250-954-9	N; R 51/53	1-5
Terpinolene 20	586-62-9 / 209-578-0	Xn-N; R 10-51/53-65	0.1-1
Undecylenic Aldehyde	112-45-8 / 203-973-1	N; R 51-53	0.1-1

3. Hazards identification

- General : When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire.
- Hazard symbol : Xi, Irritant.
- Risk phrases : N, Dangerous for the environment.
: R43, May cause sensitization by skin contact.

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3. Hazards identification

- General : When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire.
- Environment : R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Environment : When spilled, can contaminate soil, ground and surface water.

4. First-aid measures

- Inhalation : Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
- Eye exposure : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- SI exposure : Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
- Ingestion : Rinse mouth with water and obtain medical attention.
: Take Risk and Safety phrases (section 15) into consideration.

5. Fire-fighting measures

- Extinguishing media : Carbon dioxide, dry chemical, foam.
Do not use a direct water-jet on burning material.

6. Accidental release measures

- Personal precautions : Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.
- xxx : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.
- Environmental precautions : Keep away from drains, surface and ground water, and soil.

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7. Handling and storage

Handling	: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
Storage	: Store in a cool dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers. Keep air contact to a minimum.
Fire Protection	: Keep away from ignition sources and naked flame.

8. Exposure controls/ personal protection

Respiratory protection	: Avoid excessive inhalation of concentrated vapours.
Eye protection	: Wear safety glasses.
Skin protection	: Avoid skin contact. Use chemically resistant gloves As needed.

9. Physical and chemical properties

Appearance	: Not determined.
Odour	: Not determined.
pH-value	: Not determined.
Viscosity	: Not determined.
Freezing point	: Not determined.
Boiling point	: Not determined.
Melting point	: Not determined.
Flash point	: >62 degC (CC)
Autoflammability	: Not determined.
Exsorsive Property	: None expected.
Oxidising property	: None expected.
Vapour pressure	: Not determined.
Relative density	: Not determined.
Solubility water	: Not determined.
Solubility ethanol	: Not determined.
Partition coeff.	: Not determined.
Refractive index	: Not determined.

10. Stability and reactivity

Reactivity	: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.
Decomposition	: Carbon monoxide and unidentified organic compounds may be formed during combustion.

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11. Toxicological information

Based on the ingredients in this composition and their concentrations, this Product is according to the conventional method of EEC directive 1999/45/EC classified as:

May cause sensitisation by skin contact.

12. Ecological information

General : This material is unlikely to accumulate in the environment and environmental problems under normal use conditions are unexpected.

13. Disposal considerations

Dispose of according to local regulations.

Avoid disposing into drainage systems and into the environment.

14. Transport information

	Class	Pack Group	Sub risk	UN no	IMDG page
Road (CDGRR)	: not restricted.				
Air (IATA)	: not restricted.				
Sea (IMDG)	: not restricted.				

15. Regulatory information

Classification Packaging / Labelling (Directive 1999/45/EC)

Hazard symbol : Xi, Irritant.
: N, Dangerous for the environment.

Contains Citronellol.

Risk Phrases : R43, May cause sensitization by skin contact.
: R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases : S24, Avoid contact with the skin.
: S37, Wear suitable gloves.
: S61, Avoid release to the environment. Refer to special instructions/ safety data sheet.

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16. Other information

Conc % Limits (*) : XiR43=24.60% NR51/53=46.82% R52/53=4.68% IFRA=10.246%

Maximum usage limited by IFRA.

(*) These are the maximum percent concentrations that this material can be used in a non-hazardous products without the indicated risk being applicable to that product.

The information in this leaflet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.