



MAVIVE S.p.A.
EAU DE TOILETTE / PARFUM VAPORISATEUR NATURAL SPRAY

Material Safety Data Sheet 21/02/2018, revision 5
According to Regulations CE 453/2010 and 1272/2008

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identification

Chemical name and alternative name EAU DE TOILETTE / PARFUM
VAPORISATEUR NATURAL SPRAY

1.2 Recommended uses of the mixture or substance and unrecommended uses:

Product type and function: Personal Beauty Care Product

1.3 Manufacturer

MAVIVE S.p.A.

Via Altinia 298/b – 30173 Dese (VE)

tel. +39-041-5417771- fax +39-041-5417798

info@mavive.com

E-mail:

1.4 Emergency telephone:

MAVIVE S.p.A.

tel. +39-041-5417771– Lun Ven 09.00-18.00

Centro antiveleni

Ospedale Niguarda di Milano +39-02 66 10 1029

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is classified as dangerous according to dispositions of Regulation (CE) 1272/2008 (CLP)) and subsequent modifications and amendments.

The product requires a material safety data sheet only when supplied as bulk in conformance to Regulation (CE) 1907/2006 and subsequent amendments, and not as finished product or in limited quantities.

Additional information on safety risks for health and/or environment are eventually reported in section 11 and 12 of the present sheet.

According to Regulation (CE) 1223/2009 this is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

2.1.1 Regulation 1272/2008 (CLP) and subsequent modifications and amendments.

Classification and Hazard category

Flam Liq 2 H225

2.2 Label elements.

Hazard labelling pursuant to Regulation (CE) 1272/2008 (CLP) and subsequent amendments and supplements.

Pictograms



Warnings information:

H225 Highly flammable liquid and vapour..

Precautionary advices

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P501 Dispose of contents/container.

2.3 Other information:

The mixture does not contain substances considered PBT o vPvB.

The mixture is not classified as irritant or sensitizing, according to the test results that allowed to exclude this danger



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3 COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Information not relevant.

3.2 Miscela

Contains:

IDENTIFICATION	Conc. (%)	Classification 1272/2008
ETHANOL	75 ≤ C < 90	Flam. Liq. 2 H225
CAS N°: 64-17-5		
EINECS No 200-578-6		
Index No 603-002-00-5		
PERFUME	5 ≤ C < 20	H319
CAS N°: various		H315
		H317
		H361f
		H410

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

4. MISURE DI PRIMO SOCCORSO

4.1 Description:

Skin contact:

Immediately take off the contaminated clothes.

Immediately wash with plenty of running water and eventually soap the areas of the body that have come into contact with the product, even if only suspect.

If necessary, contact a physician.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, contact a physician

Ingestion:

contact a physician; induce vomiting only upon doctor's instruction; do not give anything by mouth if the subject is unconscious.

Inhalation:

Ventilate the environment. Remove the patient from the contaminated environment and keep it at rest in a well ventilated area. If necessary consult a doctor.

4.2 Most important symptoms/effects, acute and delayed

Not expected.

4.3 Other informations:

Keep running water and soap for washing in case of contact.

5. FIRE-FIGHTING MEASURES

Closed containers exposed to the heat of a fire can cause overpressure and explode. For information on risks to the environment and health, respiratory protection, ventilation and individual protection measures, refer to the other sections of this sheet.

5.1 Adequate extinction tools: Nebulized water, CO₂, foam, chemical powders depending on the materials involved in the fire.

Non-household: Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture:

Overpressure may be created in containers exposed to fire with danger of explosion.

The combustion fumes may be toxic and / or irritating.

5.3 Special protective equipment for fire-fighters:

Use water to cool the containers exposed to the flame and prevent explosions and explosions. Water spray can be used to disperse vapors and protect busy people to stop the leak.



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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, PPE and procedures in case of emergency.

6.1.1 For those who intervenes directly

Use gloves, protective suit, safety shoes, full-face self-contained breathing apparatus. Remove unattended persons

6.1.2 For those who do not intervene directly

Wear full-face self-contained breathing apparatus. Keep upwind at a distance from the danger zone.

6.2 Environmental precautions

Collect extinguishing water that must not be discharged into drains, surface water, water tables and confined areas. Dispose of contaminated water used for extinction and fire residue according to current regulations.

6.3 Methods and materials for containment and cleaning up

If there is no danger, ensure safe storage of healthy containers, and stop leaks from damaged or overturned containers with inert absorbent materials (sand, vermiculite) or by suction with explosion-proof pumps. Collect the leaked product in new containers using non-sparking tools.

Air the room affected by the loss for a long time.

Use water only to remove residues, in order to avoid the danger of pouring the product into the sewers.

6.4 Reference to other sections

For more information, see sections 8 and 13.

7. HANDLING AND STORAGE

7.1 Advice on safe handling

Avoid the accumulation of electrostatic charges. The vapors can ignite with explosion, therefore it is necessary to avoid the accumulation keeping open windows and doors, and ensuring a cross ventilation. Without adequate ventilation, vapors may accumulate below and ignite even at a distance, if triggered, with risk of backfire.

Keep away from heat, sparks and naked flames, do not smoke or use matches or lighters. Ground the containers during the decanting operations and wear antistatic shoes.

The strong agitation and the vigorous flow of the liquid in the pipes and equipment can cause formation and accumulation of electrostatic charges due to the low conductivity of the product. To avoid the risk of fire and explosion, never use compressed air during handling. Open the containers carefully, as they can be pressurized.

7.2 Technical measures/Storage conditions:

Store in original containers, hermetically sealed, at a temperature between 5 ° and 35 ° C. Not smoking. Avoid sparks.

7.2.1. Store away from strong oxidants and heat.

7.2.2 Avoid prolonged or repeated contact with the skin.

7.3 Final specific uses

No informations available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Description	Type	Status	TWA/8h		STEL/15min	
			mg/m3	ppm	mg/m3	ppm
ETHANOL	TLV-TWA	ACGIH	1900	1000		

8.2 Exposure controls:

Precautionary measures:

adequately ventilate the premises where the product is stored and / or handled.

Provide eye wash and emergency shower.

Respiratory protection:

not necessary for normal use. In case of exceeding of the threshold levels, wear a full face mask with filter.

Hands protection:

use gloves category III (es: neoprene o PVC).

Eyes protection:

protective glasses.



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Protezione della pelle:
indossare indumenti protettivi completi.

9. PROPRIETÀ FISICHE E CHIMICHE

Color and aspect:	clear transparent liquid.
Odour:	typical
pH:	5 - 6
Melting point:	No information available
Boiling point:	No information available.
Flash point:	> 21°C
Auto-injection:	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limits in Air	No information available
upper flammability limit	No information available
lower flammability limit	No information available
Vapor pressure	No information available
Vapor density	No information available
Density (20°C)	0,80 – 0,90
Water solubility	partial
Solubility in other solvents	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity of Product	No information available
Bulk Density	No information available
Explosive properties:	No information available

10. STABILITY AND REACTIVITY

10.1 Reactivity:

None under normal use conditions of temperature and pressure.

10.2 Chemical reactivity

None under normal use conditions of temperature and pressure.

10.3 Possible reactions

Vapors can form explosive mixtures with air.

Details of the individual components of the mixture:

ETHANOL: risk of explosion due to contact with: alkali metals, alkali oxides, calcium hypochlorite, sulfur monofluoride, acetic anhydride (with acids), concentrated hydrogen peroxide, perchlorates, perchloric acid, perchloronitrile, mercury nitrate, nitric acid, silver and nitric acid, silver nitrate, silver nitrate and ammonia, silver oxide and ammonia, strong oxidizing agents, nitrogen dioxide.

May react dangerously with: acetylene bromide, acetylene chloride, bromine trifluoride, chromium trioxide, cromyl chloride, oxiranes, fluorine, potassium tert-butoxide, lithium hydride, phosphorus trioxide, black platinum, zirconium chloride (IV), iodide of zirconium (IV). Forms of explosive mixtures with air.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight.

10.5 Materials to avoid

None in particular.

10.6 Dangerous decomposition products

Potentially dangerous gasses and vapours may be generated by thermal degradation or fire.

11. TOXICOLOGICAL INFORMATION

The mixture has no toxicological effects. In some cases of particularly sensitive individuals, local temporary reddening or irritation may occur.

Sudden spill of compressed gas may cause frostbite.

ACUTE TOXICITY:

Single component details:



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Ethanol
LD50 (Rabbit) oral: 6300 mg/Kg
LD50 (mouse) single oral dose: 7060 mg/Kg

12. ECOLOGICAL INFORMATION

The product is dangerous for the environment. Use according to good working practices, avoiding to disperse the product in the environment.

12.1 Toxicity

Informations of mixture components:

ETHANOL

Toxicity for Fish: LC50 *Leuciscus idus*: >100mg/l; 48h; OECD TG 203, LC50 *trota*: 11200 mg/l; 24h

Toxicity for Daphnia: CE50 *Daphnia magna*: >100 mg/l; 24 h; OECD TG 202

Toxicity for algae: CE50 *Chlorella pyrenoidosa*: >100 mg/l; 24 h; OECD TG 201

Mobility: Complete solubility in water, vaporisable in atmosphere.

12.2 Persistency and biodegradability

Informations of mixture components:

ETHANOL

Biodegradability: rapid, >70 %;

12.3 Bioaccumulative potential

No informations available

12.4 Mobility in soil

No informations available

12.5 Risultats of PBT e vPvB evaluation:

The product is not PBT o vPvB.

12.6 Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS

If possible, reuse.

Examine the possibility of burning the product in a suitable incinerator oven. It is always necessary to neutralize before any treatment, including biological treatment, if practicable. Dispose of in systems according to the prescriptions and technical standards required by current authorizations.

This criterion is also valid for empty containers, after adequate washing.

Never discharge into drains or into shallow or ground water.

14. TRANSPORT INFORMATION

Transport must be carried out by vehicles authorized to transport dangerous goods according to the provisions of the current edition of the A.D.R. and the applicable national provisions.

The transport must be carried out in the original or UN approved packagings and the materials and types provided for in the ADR classification of the mixture. Attendants to the loading and unloading of dangerous goods must have received appropriate training on the risks presented in the mixture and on any procedures to be adopted in case of emergency situations.

Road or rail transport:

Class ADR/RID:	3
UN:	1266
Kemler Nuber:	33
Packing Group:	II
Label:	3
Quantity:	LQ6
Shipment category:	2
Proper shipping name:	PERFUMERY PRODUCTS



Marine transport:

Class IMO:	3
UN:	1266





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EmS No:	F-E, S-D
Proper shipping name:	PERFUMERY PRODUCTS
Marine pollutant	No
Trasporto aereo:	
IATA	3
UN	1266
Packaging group	II
Proper shipping name	PERFUMERY PRODUCTS
ERG Code	3L
Description	UN1266, Perfumery products, 3, II, Ltd. Qty. Can also be shipped: ID8000, Consumer Commodity

15. REGULATORY INFORMATION

15.1 Rules and legislation

This safety data sheet complies with the provisions of Regulation (EC) No. 1907/2006

Safety data sheet available on request for professional users.

Workers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried out according to the provisions of art. 41 of Legislative Decree no. 81 of 9 April 2008 unless the risk for the safety and health of the worker has been assessed as irrelevant, according to the provisions of Article 224 paragraph 2.

15.2 Chemical Safety Assessment

It has not been evaluated

16. OTHER INFORMATIONS

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

:

Flam. Liq. 1	Inflammable liquid Danger category 1
Flam. Liq. 2	Inflammable liquid Danger category 2
Aquatic Chronic 1	Dangerous for the aquatic environment - chronic danger, category 1
Acute Tox. 4	Acute toxicity Category 4
Skin Sens. 1	Skin sensitization Hazard category 1 (of skin)
H224	Highly flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H410	Very toxic to aquatic life with long lasting effects.
H319	Causes serious eye irritation.
H315	Causes serious skin irritation.
H361f	Suspected of damaging fertility.

BIBLIOGRAFIA GENERALE:

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. Ed. 10
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique



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- 11. Patty - Industrial Hygiene and Toxicology
- 12. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

This sheets cancel and substitute all pevious versions.

SEBASTIANO BAROZZI
LOGISTIC MANAGER
MAVIVE S.P.A