

MATERIAL SAFETY DATA SHEET

In conformity to Regulation (UE) 2020/878

SECTION1. Identification of the substance/mixture and of the company/undertaking

SECTION 1.1. Identificatore del prodotto

Trade name : Urinal Net Arancia Cannella

1.2. Relevant identified uses of the substance or mixture and uses advised against

ENVIRONMENTS DEODORANT

Sectors of use:

Private households (= general public = consumers)[SU21]

Product category:

Air fresheners all types; liquids, solids, electrical

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Eco Air Srl

Via E. Fermi, 6

26837 Mulazzano – Lodi - ITALY

Phone +39 02 98274122

p.IVA 12881930155

info@ecoaironline.com

1.4. Emergency telephone number

Tel : +39 02 98274122

LIST OF POISON CENTERS IN ITALY:

CAVp "Osp. Pediatrico Bambino Gesù", Roma, Piazza Sant'Onofrio, 4, 165, 06 68593726;

Az. Osp. Univ. Foggia, Foggia, V.le Luigi Pinto, 1, 71122, 0881-732326;

Az. Osp. "A. Cardarelli", Napoli, Via A. Cardarelli, 9, 80131, 081-7472870;

CAV Policlinico "Umberto I", Roma, V.le del Policlinico, 155, 161, 06-49978000;

CAV Policlinico "A. Gemelli", Roma, Largo Agostino Gemelli, 8, 168, 06-3054343;

Az. Osp. "Careggi" U.O. Tossicologia Medica, Firenze, Largo Brambilla, 3, 50134, 055-7947819;

CAV Centro Nazionale di Informazione Tossicologica, Pavia, Via Salvatore Maugeri, 10, 27100, 0382-24444;

Osp. Niguarda Ca' Granda, Milano, Piazza Ospedale Maggiore, 3, 20162, 02-66101029;

Azienda Ospedaliera Papa Giovanni XXII, Bergamo, Piazza OMS, 1, 24127, 800883300

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS07, GHS09

Hazard Class and Category Code(s):

Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2, Aquatic Chronic

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Hazard statement Code(s):

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.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema. The product, if brought into contact with skin can cause skin sensitization.

The product is dangerous to the environment as it is toxic to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:



Pictogram, Signal Word Code(s):

GHS07, GHS09 - Warning

Hazard statement Code(s):

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.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash thoroughly after handling.

P273 - Avoid release to the environment.

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

Response

P302+P352 - IF ON SKIN: Wash with plenty of water/...

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see ... on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse.

P391 - Collect spillage.

Disposal

P501 - Dispose of contents/container to accordance with local regulations

Contains:

cinnamaldehyde, CITRUS AURANTIUM DULCIS PEEL OIL EXPRESSED, Orange, sweet, ext., Benzyl salicylate, cinnamyl alcohol, citral, eugenol, COUMARIN; 1,2-Benzopyrone, dodecanenitrile, Clove bud oil

2.3. Other hazards

Substance/mixture meets the criteria for PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

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SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Note D - Certain substances which are susceptible to spontaneous polymeri- sation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
cinnamaldehyde - FEMA -	>= 10 < 25%	Acute Tox. 4, H312; Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319 ATE oral = 2.220,0 mg/kg ATE dermal = 1.000,0 mg/kg ATE inhal = 68,9mg/l/4 h	-	104-55-2	203-213-9	012119935 242-45-000X
Orange, sweet, ext. - FEMA -	>= 6 < 10%	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411 M-factor1 C(E)L50 (mg/l) = 1 ATE oral = 5.000,0 mg/kg ATE dermal = 5.000,0 mg/kg	-	8028-48-6	232-433-8	01- 211949335 3-35-XXXX
CITRUS AURANTIUM DULCIS PEEL OIL EXPRESSED - FEMA -	>= 6 < 10%	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319; Aquatic Chronic 1, H410 M-factor1 C(E)L50 (mg/l) = 1	-	8028-48-6	232-433-8	01- 211949335 3-35-XXXX
Benzyl salicylate - FEMA -	>= 1 < 3%	Skin Sens. 1, H317; Eye Irrit. 2, H319; Aquatic Chronic 3, H412 M-factor1 C(E)L50 (mg/l) = 1 ATE oral = 2.227,0 mg/kg ATE dermal = 14.150,0 mg/kg	-	118-58-1	204-262-9	05- 211426877 3-38-0000
benzyl acetate - FEMA -	>= 1 < 3%	Aquatic Chronic 3, H412 M-factor1 ATE oral = 2.000,0 mg/kg ATE dermal = 5.000,0	-	140-11-4	205-399-7	01- 211963827 2-42-000X

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Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
		mg/kg				
cinnamyl alcohol - FEMA -	>= 1 < 3%	Skin Irrit. 2, H315; Skin Sens. 1, H317 ATE oral = 2.675,0 mg/kg ATE dermal = 5.000,0 mg/kg ATE inhal = 389,0mg/l/4 h	-	104-54-1	203-212-3	01-211993449 6-29-0000
citral - FEMA 2303	>= 1 < 3%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319 ATE oral = 4.960,0 mg/kg ATE dermal = 2.250,0 mg/kg	605-019-00-3	5392-40-5	226-394-6	01-211946282 9-23-000
COUMARIN; 1,2-Benzopyrone - FEMA -	>= 1 < 3%	Acute Tox. 3, H301; Acute Tox. 3, H311; Skin Sens. 1, H317; Acute Tox. 3, H331; Aquatic Chronic 2, H411 M-factor1 ATE oral = 293,0 mg/kg	-	91-64-5	202-086-7	01-211994930 0-45-000X
eugenol - FEMA -	>= 1 < 3%	Asp. Tox. 1, H304; Skin Sens. 1, H317; Eye Irrit. 2, H319 ATE oral = 2.000,0 mg/kg ATE inhal = 2,6mg/l/4 h	-	97-53-0	202-589-1	01-211997180 2-33-0000
vinyl acetate - FEMA - Note: D substance for which there are Community workplace exposure limits	>= 0,5 < 1%	Flam. Liq. 2, H225; Acute Tox. 4, H332; STOT SE 3, H335; Carc. 2, H351 ATE oral = 2.920,0 mg/kg ATE dermal = 2.400,0 mg/kg	607-023-00-0	108-05-4	203-545-4	01-211947130 1-50
dodecanenitrile - FEMA -	>= 0,1 < 0,5%	Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ATE oral = 2.000,0 mg/kg	-	2437-25-4	219-440-1	01-21194869 97-10-XXXX
2,6-di-tert-Butyl-p-cresol - FEMA -	>= 0,1 < 0,5%	Aquatic Chronic 1, H410 M-factor1 C(E)L50 (mg/l) = 1 ATE oral = 890,0 mg/kg	-	128-37-0	204-881-4	01-211948043 3-40-0000
Clove bud oil	>= 0,1 < 0,5%	Asp. Tox. 1, H304; Skin Sens. 1, H317; Eye Irrit. 2, H319	ND	84961-50-2	284-638-7	NR

SECTION4. First aid measures

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4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

In case of contact with skin, wash immediately with: water

Warning: This product is toxic to skin contact. Consult a physician.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

SECTION5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

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Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill

Inform the competent authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or the removal.

6.3.2 For cleaning up:

To clean the floor and all objects contaminated by this material use: water

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

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

In residential areas do not use on large surfaces.

At work do not eat or drink.

Contaminated work clothing should not be allowed out of the workplace.

See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

Protect from heat and direct sun exposure. Operate in well-ventilated. Keep away from sources of ignition-no smoking. Take preventive measures to avoid electrostatic charges. Avoid contact with eyes. Do not inhale vapors or mists.

7.3. Specific end use(s)

Private households (= general public = consumers):

Apart from the uses described in section 1.2 no other specific uses are covered.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

benzyl acetate:

TWA 10 ppm

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DNEL

Lavoratore industriale: 21.9 mg/m³ - Consumatore: 5.5 mg/m³ - Esposizione: Inalazione Umana - Frequenza: Lungo termine, effetti sistemici - Endpoint: Tossicità a dose ripetuta - Note: ECHA Lavoratore industriale: 6.25 mg/kg - Consumatore: 3.125 mg/kg - Esposizione: Cutanea Umana - Frequenza: Lungo termine, effetti sistemici - Endpoint: Tossicità a dose ripetuta - Note: ECHA Consumatore: 3.125 mg/kg - Esposizione: Orale Umana - Frequenza: Lungo termine, effetti sistemici - Endpoint: Tossicità a dose ripetuta - Note: ECHA

PNEC

Bersaglio: Acqua dolce - Valore: 0.004 µg/L - Note: assessment factor: 1000 Bersaglio: Acqua di mare - Valore: 0.0004 µg/L - Note: assessment factor: 10000 Bersaglio: Microorganismi nel trattamento delle acque reflue - Valore: 8.55 mg/l - Note: assessment factor: 100 Bersaglio: Sedimenti d'acqua dolce - Valore: 0.114 mg/kg - Note: partition coefficient Bersaglio: Sedimenti d'acqua di mare - Valore: 0.0114 mg/kg - Note: partition coefficient Bersaglio: Terreno (agricolo) - Valore: 0.0205 mg/kg - Note: partition coefficient

vinyl acetate:

UE - LTE(8h): 17,6 mg/m³, 5 ppm - STE: 35,2 mg/m³, 10 ppm - Note: 15 minutes average value

ACGIH - LTE(8h): 10 ppm - STE: 15 ppm - Note: A3 - URT, eye and skin irr, CNS impair

2,6-di-tert-Butyl-p-cresol:

ACGIH - TWA(8h): 2 mg/m³ - Note: (IFV), A4 - URT irr HSE - TWA(8h): 10 mg/m³

- Substance: benzyl acetate

DNEL

Systemic effects Long term Workers inhalation = 21,9 (mg/m³)

Systemic effects Long term Workers dermal = 6,25 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 5,5 (mg/m³)

Systemic effects Long term Consumers dermal = 3,12 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 3,125 (mg/kg bw/day)

PNEC

Sweet water = 0,004 (mg/l)

Sea water = 0,0004 (mg/l)

sediment Sea water = 0,0114 (mg/kg/sediment)

ground = 0,0205 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:

Private households (= general public = consumers):

Handle in accordance with good practices of hygiene and safety practice. Wash your hands before breaks and at the end of the working day.



Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

When handling the pure product wear full protective skin clothing.

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(c) Respiratory protection
Not needed for normal use.

(d) Thermal hazards
No hazard to report

Environmental exposure controls:
benzyl acetate
**** Not translated ****

citral
**** Not translated ****

eugenol
**** Not translated ****

vinyl acetate
**** Not translated ****

2,6-di-terz-butyl-p-cresolo
**** Not translated ****

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	SOLID	
Colour	SOLID	
Odour	Not determined	
Odour threshold	Not determined	
pH	Not determined	
Melting point/freezing point	Not determined	
Initial boiling point and boiling range	Not determined	
Flash point	Not determined	
Evaporation rate	Not determined	
Flammability (solid, gas)	Not determined	
Upper/lower flammability or explosive	Not determined	
Vapour pressure	Not determined	
Vapour density	Not determined	
Relative density	Not determined	
Solubility	Not determined	
Water solubility	Not determined	
Partition coefficient: n-octanol/water	Not determined	
Auto-ignition temperature	Not determined	
Decomposition temperature	Not determined	
Viscosity	Not determined	
Explosive properties	Not determined	
Oxidising properties	Not determined	

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Physical and chemical properties	Value	Determination method
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9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

2,6-di-terz-butil-p-cresolo

**** Not translated ****

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

eugenol

**** Not translated ****

2,6-di-terz-butil-p-cresolo

**** Not translated ****

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = 24.416,7 mg/kg

ATE(mix) dermal = 7.142,9 mg/kg

ATE(mix) inhal = 220,0 mg/l/4 h

(a) acute toxicity: based on available data, the classification criteria are not met.

(b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

(d) respiratory or skin sensitisation: The product, if brought into contact with skin can cause skin sensitization.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met.

(f) carcinogenicity: based on available data, the classification criteria are not met.

(g) reproductive toxicity: based on available data, the classification criteria are not met.

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(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

cinnamaldehyde:

LD50 (rat) Oral (mg/kg body weight) = 2220

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 68,88

Orange, sweet, ext.:

LD50 (rat) Oral (mg/kg body weight) = 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

Benzyl salicylate:

Oral LD50 - rat - 2227 mg / kg

LD50 (rat) Oral (mg/kg body weight) = 2227

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 14150

benzyl acetate:

ECHA

LD50 (rat) Oral (mg/kg body weight) = 2000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

cinnamyl alcohol:

LD50 (rat) Oral (mg/kg body weight) = 2675

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 389

citral:

LD50 (rat) Oral (mg/kg body weight) = 4960

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2250

COUMARIN; 1,2-Benzopyrone:

LD50 (rat) Oral (mg/kg body weight) = 293

eugenol:

LD50 oral - rat - 1930 mg / kg

LD50 (rat) Oral (mg/kg body weight) = 2000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 2,6

vinyl acetate:

LD50 (rat) Oral (mg/kg body weight) = 2920

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2400

vinyl acetate

**** Not translated ****

dodecanenitrile:

LD50 (rat) Oral (mg/kg body weight) = 2000

2,6-di-tert-Butyl-p-cresol:

LD50 (rat) Oral (mg/kg body weight) = 890

2,6-di-terz-butyl-p-cresolo

**** Not translated ****

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11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

vinyl acetate:

COUMARIN; 1,2-Benzopyrone:

benzyl acetate:

Related to contained substances:

cinnamaldehyde:

C(E)L50 (mg/l) = 100,400002

Orange, sweet, ext.:

C(E)L50 (mg/l) = 5,65

Benzyl salicylate:

C(E)L50 (mg/l) = 1,03

benzyl acetate:

C(E)L50 (mg/l) = 4

NOEC (mg/l) = 0,92

benzyl acetate

**** Not translated ****

cinnamyl alcohol:

C(E)L50 (mg/l) = 107

citral:

C(E)L50 (mg/l) = 6,78

citral

**** Not translated ****

COUMARIN; 1,2-Benzopyrone:

C(E)L50 (mg/l) = 2,94

NOEC (mg/l) = 0,191

eugenol:

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 60.8 mg / l - 96 h

C(E)L50 (mg/l) = 13

NOEC (mg/l) = 0,16

vinyl acetate

**** Not translated ****

dodecanenitrile:

C(E)L50 (mg/l) = 1

2,6-di-tert-Butyl-p-cresol:

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C(E)L50 (mg/l) = 5,3

2,6-di-terz-butyl-p-cresolo

**** Not translated ****

The product is dangerous for the environment as it is toxic to aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

benzyl acetate

**** Not translated ****

citral

**** Not translated ****

eugenol

**** Not translated ****

2,6-di-terz-butyl-p-cresolo

**** Not translated ****

12.3. Bioaccumulative potential

2,6-di-terz-butyl-p-cresolo

**** Not translated ****

12.4. Mobility in soil

2,6-di-terz-butyl-p-cresolo

**** Not translated ****

12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

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SECTION 14. Transport information

14.1. UN number or ID number

ADR/RID/IMDG/ICAO-IATA: 3077

If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 5 kg per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 5 kg per package 20 Kg



14.2. UN proper shipping name

ADR/RID/IMDG: MATERIA PERICOLOSA PER L'AMBIENTE, SOLIDA, N.A.S. (2,6-di-terz-butyl-p-cresolo, vinyl acetate, CITRUS AURANTIUM DULCIS PEEL OIL EXPRESSED, Orange, sweet, ext., cumarina; 1,2-Benzopyrone)
ADR/RID/IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,6-di-tert-Butyl-p-cresol, vinyl acetate, CITRUS AURANTIUM DULCIS PEEL OIL EXPRESSED, Orange, sweet, ext., COUMARIN; 1,2-Benzopyrone)

ICAO-IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,6-di-tert-Butyl-p-cresol, vinyl acetate, CITRUS AURANTIUM DULCIS PEEL OIL EXPRESSED, Orange, sweet, ext., COUMARIN; 1,2-Benzopyrone)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 9

ADR/RID/IMDG/ICAO-IATA: Label : 9+Ambiente

ADR: Tunnel restriction code : --

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 kg

IMDG - EmS : F-A, S-F

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: III

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is environmentally hazardous

IMDG: Marine polluting agent : Yes

14.6. Special precautions for user

The transport must be carried out by authorised vehicles carrying dangerous goods in accordance with the requirements of the current edition of the agreement and the provisions A.D.R national regulations. The transport must be carried out in the original packaging and in packages that are made from materials resistant to the content and not likely to generate with this dangerous reactions. Employees to the loading and unloading of dangerous goods have received proper training on the risks presented by prepared and on possible procedures to be taken in the event of emergency situations

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

D.Lgs. 3/2/1997 n. 52 (Classificazione, imballaggio ed etichettatura sostanze pericolose). D.Lgs. 14/3/2003 n. 65 (Classificazione, imballaggio ed etichettatura preparati pericolosi). D.Lgs. 2/2/2002 n. 25 (Rischi derivanti da agenti chimici durante il lavoro). D.M. Lavoro 26/02/2004 (Limiti di esposizione professionali); D.M. 03/04/2007 (Attuazione della direttiva n. 2006/8/CE). Regolamento (CE) n. 1907/2006 (REACH), Regolamento (CE) n. 1272/2008 (CLP), Regolamento (CE) n.790/2009. Regolamento (UE) n. 286/2011 (ATP 2 CLP)
. D.Lgs. 21 settembre 2005 n. 238 (Direttiva Seveso Ter). Regolamento (CE) n. 648/2004 del Parlamento europeo e del Consiglio, del 31 marzo 2004, relativo ai detersivi. Regolamento (CE) 453/2010 del Parlamento Europeo. DLgs 334/99 - Attività a rischio di incidenti rilevanti. DLgs 152/99 - Tutela della acque - scarichi idrici. DPR 203/88 -

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Emissioni in atmosfera . DLgs 22/97 - Norme sui rifiuti, sugli imballaggi e sui rifiuti di imballaggio.

Principali fonti bibliografiche:

ECDIN : Environmental Chemicals Data and Informatio Network- Join Research Centre, Commission of the European Communities

SAX's Dangerous Properties of Industrial Materials - Eight Edition - Van Nostrand Reinold

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

CESIO - Classification and labelling of anionic, nonionic surfactants (1990)

Direttiva 67/548 29° Adeguamento

Direttiva 1999/45/CE

Direttiva 2001/60/CE

Regolamento (CE) 1272/2008 CLP

Regolamento (CE) 1907/2006 REACH

Regolamento (CE) 453/2010

Regolamento (CE) 1223/2009

Regolamento (CE) n. 648/2004 del Parlamento europeo e del Consiglio, del 31 marzo 2004

Regolamento (CE) n. 790/2009 (ATP 1 CLP) e (UE) n. 758/2013

Direttiva 76/768/CEE

The Merck Index Ed. 10

HADLING Chemical Safety

European Chemicals Bureau: Existing Chemicals, <http://ecb.jrc/existing-chemicals/>

Sigma-Aldrich S.r.l

Sigma-Aldrich Co. LLC.

Gruppo BASF

Istituto Superiore di Sanità Viale Regina Elena 299 - 00161 - Roma (I)

A.C.G.I.H. – Documentary of the Threshold Limit Values

SIGMA-ALDRICH – Library of Chemical Safety Data

BOZZA MARUBINI M. et al. – Intossicazioni acute. Meccanismi, diagnosi e terapia. OEMF

BREThERICK – Bretherick's Handbook of Reactive Chemical Hazards

ECETOC – Monographs, Technical Reports, Special Reports, Documents, Joint Assessment of Commodity Chemicals

EPA – Chemical Emergency Preparedness Program – Interim Guidance – Chemical profiles

IARC – Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans

PATTY – Industrial Hygiene and Toxicology (3 Ed.)

SAX – Dangerous Properties of Industrial Materials (7 Ed.)

INRS – Fiche toxicologique (CD-ROM ed. 2002)

INRS – Réaction Chimiques Dangereuses

IPCS – Environmental Health Criteria

IPCS – Concise International Chemical Assessment Document

ITI – Toxic and Hazardous Industrial Chemical Safety Manual

IUCLID – International Uniform Chemical Information Database (CD-ROM)

KEITH & WALTERS – Compendium of Safety Data Sheets for Research and Industrial Chemicals

VCH

VERSCHUEREN K. – Handbook of Environmental Data on Organic Chemicals – 2 E(5.)

MERCK & Co. – The Merck Index

NIOSH/RTECS – Registry of Toxic Effects of Chemical Substances

WEAST – Handbook of Chemistry and Physics

NFPA – Fire Protection Guide for Hazardous Materials, National Fire Protection Boston – National Fire Codes Vol 13

DUTCH ASSOCIATION OF SAFETY EXPERTS – Handling Chemicals Safety

Seveso category:

E2 - ENVIRONMENTAL HAZARDS

REGULATION (EU) No 1357/2014 - waste:

HP4 - Irritant — skin irritation and eye damage

HP13 - Sensitising

HP14 - Ecotoxic

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15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

H312 = Harmful in contact with skin.

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H319 = Causes serious eye irritation.

H226 = Flammable liquid and vapour.

H304 = May be fatal if swallowed and enters airways.

H411 = Toxic to aquatic life with long lasting effects.

H410 = Very toxic to aquatic life with long lasting effects.

H412 = Harmful to aquatic life with long lasting effects.

H301 = Toxic if swallowed.

H311 = Toxic in contact with skin.

H331 = Toxic if inhaled.

H225 = Highly flammable liquid and vapour.

H332 = Harmful if inhaled.

H335 = May cause respiratory irritation.

H351 = Suspected of causing cancer .

H400 = Very toxic to aquatic life.

Classification based on data of all mixture components

The information shall relate to product knowledge at the date of this card. The product must not be used for purposes other than those specified.

The product falls into the category of cosmetics and safety assessment filed in the Company Headquarters at the disposal of the competent Authority, in accordance with legislative decree 126/97

The information contained in this material safety data sheet are based on our current knowledge and laws of EU and national, while the users' work conditions outside our knowledge and control; However cannot be exhaustive and must therefore be regarded as indicative. The product v used for purposes other than those listed. Liability of the user and always comply with d hygiene, security and protection of the environment required by current laws.

This data sheet cancels and replaces any previous edition. ***