

**71395 - DEODORANTE AMBIENTE ETNIA LIMONE E FICO D'INDIA
ENERGIA**

1/21

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: 71395
Product name: DEODORANTE AMBIENTE ETNIA LIMONE E FICO D'INDIA ENERGIA
UFI: GKQC-J65Y-U007-M7Q0

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

Identified Uses	Industrial	Professional	Consumer
Air freshener	-	-	✓

Uses Advised Against

Do not use for uses other than those indicated

1.3. Details of the supplier of the safety data sheet

Name: BERGEN S.r.l.
Full address: VIA ROMA, 90
District and Country: 37060 CASTEL D'AZZANO (VR)
Italia
Tel. +39 045512090
www.bergen.it

e-mail address of the competent person
responsible for the Safety Data Sheet

info@bergen.it

1.4. Emergency telephone number

For urgent inquiries refer to: BERGEN S.r.l.
+39 045512090
(08.30 - 17.30)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Aerosol, category 2

H223
H229Flammable aerosol.
Pressurised container: may burst if heated.

**71395 - DEODORANTE AMBIENTE ETNIA LIMONE E FICO D'INDIA
ENERGIA****2.2. Label elements**

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

Hazard pictograms:



Signal words: Warning

Hazard statements:

H223 Flammable aerosol.

H229 Pressurised container: may burst if heated.

EUH208 Contains: 3,7-DIMETHYLNONA-1,6-DIEN-3-OL, LINALYL ACETATE, (4-TERT-BUTYLCYCLOHEXYL) ACETATE, ACETYLCEDRENE, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, 3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE
May produce an allergic reaction.

Precautionary statements:

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

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

P211 Do not spray on an open flame or other ignition source.

P501 Dispose of contents / container in accordance with current regulations.

P102 Keep out of reach of children.

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

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration $\geq$ 0.1%.

SECTION 3. Composition/information on ingredients**3.1. Substances**

Information not relevant

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
BUTANE		
INDEX 601-004-00-0	$15 \leq x < 16,5$	Flam. Gas 1A H220, Press. Gas H280, Classification note according to Annex VI to the CLP Regulation: C, U
EC 203-448-7		
CAS 106-97-8		
REACH Reg. 01-2119474691-32		
PROPANE		
INDEX 601-003-00-5	$8 \leq x < 9$	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: U
EC 200-827-9		
CAS 74-98-6		
REACH Reg. 01-2119486944-21		
isobutane		
INDEX 601-004-00-0	$5 \leq x < 6$	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: C, U
EC 200-857-2		
CAS 75-28-5		
REACH Reg. 01-2119485395-27		
3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE		
INDEX -	$0,05 \leq x < 0,1$	Skin Sens. 1B H317
EC 226-749-5		
CAS 5462-06-6		
REACH Reg. 01-2120629103-67		
3,7-DIMETHYLNONA-1,6-DIEN-3-OL		
INDEX -	$0,05 \leq x < 0,1$	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317
EC 233-732-6		
CAS 10339-55-6		
REACH Reg. 01-2119969272-32		
LINALYL ACETATE		
INDEX -	$0,05 \leq x < 0,1$	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317
EC 204-116-4		
CAS 115-95-7		
REACH Reg. 01-2119454789-19		
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALES		
INDEX -	$0,05 \leq x < 0,1$	Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410 M=1
EC 259-174-3		
CAS 54464-57-2		
REACH Reg. 01-2119489989-04		

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ENERGIA****(4-TERT-BUTYLCYCLOHEXYL)****ACETATE**

INDEX - 0,05 ≤ x < 0,1 Skin Sens. 1B H317

EC 250-954-9

CAS 32210-23-4

REACH Reg. 01-2119976286-24

ACETYLCEDRENE

INDEX - 0,05 ≤ x < 0,1 Skin Sens. 1B H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

EC 251-020-3

CAS 32388-55-9

REACH Reg. 01-2119969651-28

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

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

Percentage of propellants: 30,25 %

SECTION 4. First aid measures**4.1. Description of first aid measures**

No episodes of harm to the staff authorised to use the product have been reported. The following general measures should be adopted as necessary:

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Do not give anything by mouth to an unconscious person.

EYES and SKIN: Wash with plenty of water. In the event of persistent irritation, get medical advice/attention.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

SECTION 5. Firefighting measures**5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

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5.3. Advice for firefighters**GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

6.2. Environmental precautions

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

Storage class TRGS 510 (Germany):
2B

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

BGR	България	НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)
DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
DNK	Danmark	Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
FIN	Suomi	HTP-VÄRDEN 2020. Koncentrationer som befunnits skadliga. SOCIAL - OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 2020:25
GRC	Ελλάδα	Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ ``σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία``»
HUN	Magyarország	Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelethez a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
HRV	Hrvatska	Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)
NOR	Norge	Forskrift om endring i forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier), 21. august 2018 nr. 1255
NLD	Nederland	Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy
ROU	România	Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006
SVN	Slovenija	Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19)
GBR	United Kingdom TLV-ACGIH	EH40/2005 Workplace exposure limits (Fourth Edition 2020) ACGIH 2022

BUTANE					
Threshold Limit Value					
Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
TLV	BGR	1900			
AGW	DEU	2400	1000	9600	4000
MAK	DEU	2400	1000	9600	4000
TLV	DNK	1200	500		
VLA	ESP		1000		Gases
VLEP	FRA	1900	800		
HTP	FIN	1900	800	2400	1000
TLV	GRC	2350	1000		
AK	HUN	2350		9400	
GVI/KGVI	HRV	1450	600	1810	750
TLV	NOR	600	250		
TGG	NLD	1430			
NDS/NDSch	POL	1900		3000	
MV	SVN	2400	1000	9600	4000

BERGEN S.r.l.						Revision nr. 1		
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						First compilation		
						Printed on 27/10/2023		
						7/21		
WEL	GBR	1450	600	1810	750			
WEL	GBR		4			RESP		
TLV-ACGIH					1000			
PROPANE								
Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
TLV	BGR	1800						
AGW	DEU	1800	1000	7200	4000			
MAK	DEU	1800	1000	7200	4000			
TLV	DNK	1800		1000				
VLA	ESP			1000				
HTP	FIN	1500	800	2000	1100			
TLV	GRC	1800		1000				
TLV	NOR	900		500				
NDS/NDSch	POL	1800						
TLV	ROU	1400	778	1800	1000			
MV	SVN	1800	1000	7200	4000			
isobutane								
Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	2400	1000	9600	4000			
MAK	DEU	2400	1000	9600	4000			
HTP	FIN	1900	800	2400	1000			
ACETYLCEDRENE								
Predicted no-effect concentration - PNEC								
Normal value in fresh water				0,00174	mg/l			
Normal value in marine water				0,000174	mg/l			
Normal value for fresh water sediment				24,4	mg/kg			
Normal value for marine water sediment				24,4	mg/kg			
Normal value for water, intermittent release				0,0086	mg/l			
Normal value of STP microorganisms				10	mg/l			
Normal value for the terrestrial compartment				4,87	mg/kg			
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers			Effects on workers				
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0.166 mg/kg bw/d				
Inhalation				0.289 mg/m3	1.175 mg/m3			
Skin				0.166 mg/kg bw/d	0.333 mg/kg bw/d			

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(4-TERT-BUTYLCYCLOHEXYL) ACETATE

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,0053	mg/l
Normal value in marine water	0,00053	mg/l
Normal value for fresh water sediment	2,01	mg/kg
Normal value for marine water sediment	0,21	mg/kg
Normal value for water, intermittent release	0,053	mg/l
Normal value of STP microorganisms	12,2	mg/l
Normal value for the food chain (secondary poisoning)	66,67	mg/kg
Normal value for the terrestrial compartment	0,42	mg/kg

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES

Predicted no-effect concentration - PNEC

Normal value in fresh water	2,8	µg/l
Normal value in marine water	0,28	µg/l
Normal value for fresh water sediment	3,73	mg/kg
Normal value for marine water sediment	0,75	mg/kg
Normal value of STP microorganisms	10	mg/l
Normal value for the food chain (secondary poisoning)	10	mg/kg
Normal value for the terrestrial compartment	2,7	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers			Chronic systemic	Effects on workers			Chronic systemic
	Acute local	Acute systemic	Chronic local		Acute local	Acute systemic	Chronic local	
Oral				1,25 mg/kg bw/d				
Inhalation				2,16 mg/m3				7,33 mg/m3
Skin			0,38 mg/cm2	2,15 mg/kg bw/d			0,648 mg/cm2	3,6 mg/kg bw/d

LINALYL ACETATE

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,011	mg/l
Normal value in marine water	0,001	mg/l
Normal value for fresh water sediment	0,609	mg/kg
Normal value for marine water sediment	0,061	mg/kg
Normal value for water, intermittent release	0,11	mg/l
Normal value of STP microorganisms	10	mg/l
Normal value for the terrestrial compartment	0,115	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers			Chronic systemic	Effects on workers			Chronic systemic
	Acute local	Acute systemic	Chronic local		Acute local	Acute systemic	Chronic local	
Oral				0,2 mg/kg bw/d				
Inhalation				0,68 mg/m3				2,75 mg/m3

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Skin	8 mg/cm2	8 mg/cm2	1,25 mg/kg bw/d	8 mg/cm2	2,5 mg/kg bw/d
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3,7-DIMETHYLNONA-1,6-DIEN-3-OL

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,023	mg/l
Normal value in marine water	0,002	mg/l
Normal value for fresh water sediment	0,223	mg/kg
Normal value for marine water sediment	0,022	mg/kg
Normal value for water, intermittent release	0,23	mg/l
Normal value of STP microorganisms	10	mg/l
Normal value for the food chain (secondary poisoning)	8,53	mg/kg
Normal value for the terrestrial compartment	0,031	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers			Effects on workers				
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		1,3 mg/kg bw/d		0,2 mg/kg bw/d				
Inhalation		4,4 mg/m3		0,74 mg/m3				3 mg/m3
Skin	16 mg/cm2	2,7 mg/kg bw/d	16 mg/cm2	1,4 mg/kg bw/d	16 mg/cm2	5,5 mg/kg bw/d	16 mg/cm2	2,7 mg/kg bw/d

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

HAND PROTECTION

None required.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with

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environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	aerosol	Method:internal Temperature: 20 °C
Colour	transparent	Temperature: 20 °C
Odour	characteristic	Method:internal
Melting point / freezing point	-157 °C	Method:not specified Remark:propellant
Initial boiling point	-16 °C	Method:internal Remark:propellant
Flammability	Flammable aerosol	Method:BGPF12
Lower explosive limit	1,4 % (v/v)	Method:Not specified Remark:propellant
Upper explosive limit	11,2 % (v/v)	Method:Not specified Remark:propellant
Flash point	-84 °C	Method:not specified Remark:Propellente
Auto-ignition temperature	470 °C	Method:not specified Remark:propellant
Decomposition temperature	not available	Reason for missing data:It only applies to authoritative substances and mixtures, organic peroxides and other substances and mixtures that they can decompose
pH	6,83	Method:internal method Remark:value referred to the liquid phase Temperature: 20 °C
Kinematic viscosity	17x10 ⁻⁵	Method:Not specified Remark:fase liquida Temperature: 15 °C
Solubility	< 0,1 g/l (20°C)	Method:not specified Remark:Propellente
Partition coefficient: n-octanol/water	2,79 Log Kow	Method:not specified Remark:propellant
Vapour pressure	3,2 Bar	Method:not specified Remark:propellant Temperature: 20 °C
Density and/or relative density	1,008 g/cm ³	Method:internal Remark:liquid phase Temperature: 20 °C
Relative vapour density	>1	Method:not specified Remark:propellant Temperature: 20 °C

Particle characteristics

Median equivalent diameter

Remark: It only applies to solids

Size distribution

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Remark: It only applies to solids

Dustiness

Remark: It only applies to solids

Specific surface area

Remark: It only applies to solids

Shape

Remark: It only applies to solids

9.2. Other information**9.2.1. Information with regard to physical hazard classes**

Information not available

9.2.2. Other safety characteristics

Explosive properties Lower propelled explosion

limit: 1.4 %

Oxidising properties not available

Reason for missing data: Absent requirements related to the presence of atoms or chemical bonds associated with oxidizing properties in the molecules of the components according to Annex I, Part 2, 2.13.4 Reg. (CE) 1272/2008

SECTION 10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

Avoid overheating.

10.5. Incompatible materials

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

10.6. Hazardous decomposition products

Information not available

**71395 - DEODORANTE AMBIENTE ETNIA LIMONE E FICO D'INDIA
ENERGIA****SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

Not classified (no significant component)

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

BUTANE

LC50 (Inhalation gas):

1443 mg/l

isobutane

LC50 (Inhalation gas):

1443 mg/l

ACETYLCEDRENE

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LD50 (Dermal): > 5000 mg/kg bw rabbit
LD50 (Oral): 4500 mg/kg bw rat

(4-TERT-BUTYLCYCLOHEXYL) ACETATE

LD50 (Dermal): > 5000 mg/kg rabbit
LD50 (Oral): 3,6 mg/kg rat

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES

LD50 (Dermal): > 5000 mg/kg Rabbit
LD50 (Oral): > 5000 mg/kg Rat

LINALYL ACETATE

LD50 (Dermal): > 5000 mg/kg rabbit
LD50 (Oral): > 9000 mg/kg rat

3,7-DIMETHYLNONA-1,6-DIEN-3-OL

LD50 (Dermal): > 5000 mg/kg rabbit
LD50 (Oral): 2790 mg/kg rat
LC50 (Inhalation vapours): > 1 mg/l rat

3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE

LD50 (Dermal): > 5000 mg/kg rabbit
LD50 (Oral): > 4020 mg/kg rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

3,7-DIMETHYLNONA-1,6-DIEN-3-OL

LINALYL ACETATE

(4-TERT-BUTYLCYCLOHEXYL) ACETATE

ACETYLCEDRENE

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES

3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE

GERM CELL MUTAGENICITY

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Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

3,7-DIMETHYLNONA-1,6-DIEN-3-OL

LC50 - for Fish

24 mg/l/96h

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EC50 - for Crustacea	23 mg/l/48h
EC50 - for Algae / Aquatic Plants	13,3 mg/l/72h
Chronic NOEC for Fish	5 mg/l
Chronic NOEC for Crustacea	3,2 mg/l 48h
Chronic NOEC for Algae / Aquatic Plants	6,3 mg/l

BUTANE

LC50 - for Fish	24,11 mg/l/96h
EC50 - for Crustacea	7,02 mg/l/48h
EC50 - for Algae / Aquatic Plants	7,71 mg/l/72h

LINALYL ACETATE

LC50 - for Fish	11 mg/l/96h
EC50 - for Crustacea	15 mg/l/48h
EC50 - for Algae / Aquatic Plants	62 mg/l/72h
Chronic NOEC for Fish	10 mg/l
Chronic NOEC for Crustacea	10 mg/l
Chronic NOEC for Algae / Aquatic Plants	9,6 mg/l

(4-TERT-BUTYLCYCLOHEXYL) ACETATE

LC50 - for Fish	8,6 mg/l/96h <i>Cyprinus carpio</i>
EC50 - for Crustacea	5,3 mg/l/48h <i>Daphnia magna</i>
EC50 - for Algae / Aquatic Plants	22 mg/l/72h <i>Desmodesmus subspicatus</i>
Chronic NOEC for Algae / Aquatic Plants	6,8 mg/l <i>Desmodesmus subspicatus</i>

ACETYLCEDRENE

LC50 - for Fish	2,3 mg/l/96h <i>Pimephales promelas</i>
EC50 - for Crustacea	0,86 mg/l/48h <i>Daphnia magna</i>
EC50 - for Algae / Aquatic Plants	2,8 mg/l/96h 96h e non 72h; <i>Pseudokirchneriella subcapitata</i>
Chronic NOEC for Crustacea	0,67 mg/l <i>Daphnia magna</i>
Chronic NOEC for Algae / Aquatic Plants	1,07 mg/l

TETRAMETHYL**ACETYLOCTAHYDRONAPHTHALENES**

EC50 - for Crustacea	1,32 mg/l/48h
EC50 - for Algae / Aquatic Plants	2,6 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants	0,028 mg/l

3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE

EC50 - for Crustacea	12 mg/l/48h
EC50 - for Algae / Aquatic Plants	7,1 mg/l/72h

PROPANE

LC50 - for Fish	24,11 mg/l/96h
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71395 - DEODORANTE AMBIENTE ETNIA LIMONE E FICO D'INDIA ENERGIA

EC50 - for Crustacea 7,02 mg/l/96h
 EC50 - for Algae / Aquatic Plants 7,71 mg/l/72h

isobutane
 LC50 - for Fish 24,11 mg/l/96h
 EC50 - for Algae / Aquatic Plants 7,71 mg/l/72h

12.2. Persistence and degradability

3,7-DIMETHYLNONA-1,6-DIEN-3-OL

Rapidly degradable
 BUTANE

Solubility in water 0,1 - 100 mg/l

Rapidly degradable
 LINALYL ACETATE

Rapidly degradable
 (4-TERT-BUTYLCYCLOHEXYL) ACETATE

Rapidly degradable
 ACETYLCEDRENE

Rapidly degradable
 TETRAMETHYL
 ACETYLOCTAHYDRONAPHTHALENES
 NOT rapidly degradable

3-(P-METHOXYPHENYL)-2-
 METHYLPROPIONALDEHYDE
 Rapidly degradable
 PROPANE

Solubility in water 0,1 - 100 mg/l

Rapidly degradable

12.3. Bioaccumulative potential

BUTANE

Partition coefficient: n-octanol/water 1,09

LINALYL ACETATE

BCF 173,9 l/kg

TETRAMETHYL
 ACETYLOCTAHYDRONAPHTHALENES
 BCF 391

PROPANE

Partition coefficient: n-octanol/water 1,09

12.4. Mobility in soil

LINALYL ACETATE

Partition coefficient: soil/water 2,71

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ENERGIA**

17/21

TETRAMETHYL
ACETYLOCTAHYDRONAPHTHALENES
Partition coefficient: soil/water

4,12

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information**14.1. UN number or ID number**

ADR / RID, IMDG, IATA: 1950

14.2. UN proper shipping name

ADR / RID: AEROSOLS

IMDG: AEROSOLS

IATA: AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR / RID: Class: 2 Label: 2.1

IMDG: Class: 2 Label: 2.1

IATA: Class: 2 Label: 2.1



**71395 - DEODORANTE AMBIENTE ETNIA LIMONE E FICO D'INDIA
ENERGIA****14.4. Packing group**

ADR / RID, IMDG, IATA: -

14.5. Environmental hazards

ADR / RID: NO

IMDG: NO

IATA: NO

14.6. Special precautions for user

ADR / RID:	HIN - Kemler: --	Limited Quantities: 1 L	Tunnel restriction code: (D)
	Special provision: 190, 327, 344, 625		
IMDG:	EMS: F-D, S-U	Limited Quantities: 1 L	
IATA:	Cargo:	Maximum quantity: 150 Kg	Packaging instructions: 203
	Passengers:	Maximum quantity: 75 Kg	Packaging instructions: 203
	Special provision:	A145, A167, A802	

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso Category - Directive 2012/18/EU: P3a

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006Product

Point 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

**71395 - DEODORANTE AMBIENTE ETNIA LIMONE E FICO D'INDIA
ENERGIA**Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage $\geq$ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)

WGK 1: Low hazard to waters

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

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

Flam. Gas 1A	Flammable gas, category 1A
Aerosol 2	Aerosol, category 2
Aerosol 3	Aerosol, category 3
Press. Gas	Pressurised gas
Press. Gas (Liq.)	Liquefied gas
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1	Skin sensitization, category 1
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1

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Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H220	Extremely flammable gas.
H223	Flammable aerosol.
H229	Pressurised container: may burst if heated.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)

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- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

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.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.