

## 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

Product name SPRAY HAIR REMOVAL COLD WAX - CHLOROPHYLL

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

Intended use Hair removal cold wax

Identified Uses	Industrial	Professional	Consumer
Cosmetic	-	✓	✓

#### Uses Advised Against

Any use other than those identified.

#### 1.3. Details of the supplier of the safety data sheet

Name RO.IAL. COSMETICI s.r.l.  
Full address Via. G. Valentini, 23/A  
District and Country 59100 Prato (PO)  
Italy  
tel. +39 0721 929513

e-mail address of the competent person  
responsible for the Safety Data Sheet info@roialcosmetici.it  
RO.IAL. COSMETICI s.r.l.

#### 1.4. Emergency telephone number

For urgent inquiries refer to Ro.ial: tel. +39 0574/673233 - 8.30 - 12.30, 14.30 – 18.30

### 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 1	H222 H229	Extremely flammable aerosol. Pressurised container: may burst if heated.
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#### 2.2. Label elements

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

#### Hazard pictograms:



Signal words: Danger

Hazard statements:

**H222** Extremely flammable aerosol.  
**H229** Pressurised container: may burst if heated.

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.  
**P102** Keep out of reach of children.

### 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

### 3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
<b>DIMETHYLETHER</b>		
CAS 115-10-6	5 $\leq$ x < 15	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: U
EC 204-065-8		
INDEX 603-019-00-8		
REACH Reg. 01-2119472128-37-XXXX		
<b>BUTANE</b>		
CAS 106-97-8	5 $\leq$ x < 15	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: C, U
EC 203-448-7		
INDEX 601-004-00-0		
REACH Reg. 01-2119474691-32-XXXX		
<b>PROPANE</b>		
CAS 74-98-6	5 $\leq$ x < 15	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: U
EC 200-827-9		
INDEX 601-003-00-5		
REACH Reg. 01-2119486944-21-XXXX		
<b>VINYL ACETATE</b>		
CAS 108-05-4	0,001 $\leq$ x <	Flam. Liq. 2 H225, Carc. 2 H351, Acute Tox. 4 H332, STOT SE 3 H335,

EC 203-545-4

0,002

Aquatic Chronic 3 H412  
STA Inhalation mists/powders: 1,5 mg/l

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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: 34,00 %

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

EYES: eliminate contact lenses if it is easy to do. Wash immediately and abundantly with water for at least 15/30 minutes, opening the eyelids well. Consult a doctor. SKIN: remove contaminated clothes off. Wash the contaminated parts with running water. If the problem persists, consult a doctor. Wash the contaminated garments before reusing them. INGESTION: Call a doctor or a poison control center immediately. Induce vomiting only as directed by your doctor. Rinse your mouth with running water if the person is fully conscious and cooperative. Do not give anything to an unconscious or uncooperative person. Do not swallow anything that is not expressly authorized by your doctor. INHALATION: in case of respiratory symptoms (coughing, dyspnea, difficulty breathing, asthma) keep the victim in a comfortable position that encourages breathing. If the problem persists, consult a doctor.

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

No specific information is known about the symptoms and effects caused by the product. See section 11 for effects due to substances.

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

Contact a doctor to keep the safety data sheet available or, failing that, the label.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide and chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water.

Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

### 5.2. Special hazards arising from the substance or mixture

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If large quantities of the product are involved in a fire, they can make it considerably worse. Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

In the case of fire, use jets of water to cool the containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is safe to do so.

#### 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)

Follow the instructions on the product labeled or on the information sheet. Refer to the safe use information if enclosed with this safety data sheet.

## 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
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

		<b>RO.IAL. COSMETICI s.r.l.</b>		Revision nr. 1 Dated 23/02/2023 First compilation
		<b>SPRAY HAIR REMOVAL COLD WAX - CHLOROPHYLL</b>		Printed on 21/07/2023 Page n. 5/16

GRC	Ελλάδα	Π.Δ. 26/2020 (ΦΕΚ 50/A` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/EU, 2019/130/EU και 2019/983/EU «για την τροποποίηση της οδηγίας 2004/37/EK ``σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία``»
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)
ITA POL	Italia Polska	Decreto Legislativo 9 Aprile 2008, n.81 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 EU	United Kingdom OEL EU	EH40/2005 Workplace exposure limits (Fourth Edition 2020) Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2022

<b>PROPANE</b>					
<b>Threshold Limit Value</b>					
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	GRC	1800	1000		
NDS/NDSCh	POL	1800			
MV	SVN	1800	1000		
TLV-ACGIH		1000			

<b>BUTANE</b>					
<b>Threshold Limit Value</b>					
Type	Country	TWA/8h	STEL/15min	Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm
TLV	BGR	1900			
AGW	DEU	2400	1000	9600	4000
MAK	DEU	2400	1000	9600	4000
VLA	ESP		800		
VLEP	FRA	1900	800		
TLV	GRC	2350	1000		
GVI/KGVI	HRV	1450	600	1810	750
NDS/NDSCh	POL	1900		3000	
WEL	GBR	1450	600	1810	750
TLV-ACGIH		2377		1000	

<b>DIMETHYLETHER</b>					
<b>Threshold Limit Value</b>					
Type	Country	TWA/8h	STEL/15min	Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm

# ROIAL. COSMETICI s.r.l.

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AGW	DEU	1920	1000	15200	8000
VLA	ESP	1920	1000		
VLEP	FRA	1920	1000		
VLEP	ITA	1920	1000		
TLV	ROU	1920	1000		
OEL	EU	1920	1000		

### Predicted no-effect concentration - PNEC

Normal value in fresh water	0,155	mg/l
Normal value in marine water	0,016	mg/l
Normal value for fresh water sediment	0,681	mg/kg
Normal value for marine water sediment	0,069	mg/kg
Normal value for water, intermittent release	1,549	mg/l
Normal value of STP microorganisms	160	mg/l
Normal value for the terrestrial compartment	0,045	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	NPI		NPI		NPI			
Inhalation	NPI	VND	NPI	471 mg/m3	NPI	VND	NPI	1894 mg/m3
Skin	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI

### VINYL ACETATE

#### Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
VLEP	ITA	17,6	5	35,2	10	
OEL	EU	17,6	5	35,2	10	

#### 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

Protect hands with category III work gloves (see standard EN 374). For the final choice of the work glove material, consideration must be given to: compatibility, degradation, breakage time and permeation. The gloves have a wear time that depends on the duration and the mode of use. Suitable gloves (protection factor 6, permeation time > 480 minutes): material (thickness, mm): nitrile rubber (0.4 mm), butyl rubber (0.5 mm).

### 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 environmental standards.

## SECTION 9. Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	aerosol	
Colour	green	
Odour	floral	
Odour threshold	not applicable	Method:organoleptic
Melting point / freezing point	< -188 °C	Substance:PROPANE
Initial boiling point	> -42 °C	Substance:PROPANE
Flammability	not applicable	
Lower explosive limit	1,8 % (v/v)	Substance:PROPANE
Upper explosive limit	22,6 % (v/v)	Substance:DIMETHYLETHER
Flash point	-104 °C	Substance:PROPANE
Auto-ignition temperature	226 °C	Substance:DIMETHYLETHER
Decomposition temperature	not determined	
pH	not applicable	
Kinematic viscosity	not available	
Solubility	soluble in organic solvents	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	7,3 Bar	Substance:PROPANE Temperature: 20 °C
Density and/or relative density	not available	
Relative vapour density	not available	
Particle characteristics	not applicable	

## 9.2. Other information

## 9.2.1. Information with regard to physical hazard classes

Information not available

## 9.2.2. Other safety characteristics

Evaporation rate	not applicable
VOC (Directive 2010/75/EU)	34,00 %
Oxidising properties	not applicable. None of the contained substances has functional groups associated with oxidizing properties.

## SECTION 10. Stability and reactivity

**10.1. Reactivity**

Avoid contact with: strong acids, oxidising agents, reducing agents, strong alkalis.

**10.2. Chemical stability**

The product is stable in normal conditions of usage and storage for 36 months.

**10.3. Possibility of hazardous reactions**

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

**10.4. Conditions to avoid**

Refer to section 7.

Avoid contact with acids and bases which can deteriorate the can. Avoid exposition to: high temperatures (>50 °C), naked flames, ignition sources, heat sources, overheated surface, heat. Risk of explosion.

**10.5. Incompatible materials**

Avoid contact with: strong acids, strong alkalis, oxidising agents, reducing agents.

**10.6. Hazardous decomposition products**

If involved in a fire, toxic gases may be released (carbon oxides, products of pyrolysis and combustion).

## 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 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Inhalation, dermal contact.

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

No known effects related to the product. For effects related to the constituent substances see the rest of the section.

Interactive effects

No other adverse effects known.

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)

PROPANE

LD50 (Dermal): > 2000 mg/kg  
LD50 (Oral): > 2000 mg/kg  
LC50 (Inhalation vapours): 658 mg/l/4h

**BUTANE**

LD50 (Dermal): > 2000 mg/kg  
LD50 (Oral): > 2000 mg/kg  
LC50 (Inhalation vapours): 658 mg/l/4h rat

**DIMETHYLETHER**

LD50 (Dermal): > 2000 mg/kg  
LD50 (Oral): > 2000 mg/kg  
LC50 (Inhalation vapours): 309018 ppm/4h rat

**VINYL ACETATE**

LD50 (Dermal): 7440 mg/kg  
LD50 (Oral): > 2500 mg/kg  
LC50 (Inhalation vapours): > 14084 mg/l/4h

**DIMETHYLETHER**

Vapors may cause narcotic effects. High concentrations in the air can lead to unconsciousness and asphyxiation due to lack of oxygen.

**SKIN CORROSION / IRRITATION**

Does not meet the classification criteria for this hazard class

**DIMETHYLETHER**

Contact with liquefied gas can cause cold burns.

**SERIOUS EYE DAMAGE / IRRITATION**

Does not meet the classification criteria for this hazard class

**RESPIRATORY OR SKIN SENSITISATION**

Does not meet the classification criteria for this hazard class

**Respiratory sensitization**

Information not available

**Skin sensitization**

Information not available

**GERM CELL MUTAGENICITY**

Does not meet the classification criteria for this hazard class

**DIMETHYLETHER**

In vitro genetic toxicity (In vitro Mammalian Cell Gene Mutation Test, OECD method 476): negative with and without metabolic activation.  
In vivo genetic toxicity (Mammalian Erythrocyte Micronucleus Test, OECD method 474): negative.

**CARCINOGENICITY**

Does not meet the classification criteria for this hazard class

**DIMETHYLETHER**

Carcinogenicity studies (OECD method 453): no evidence of carcinogenic effects (NOAEL=25000 mg/kg).

**REPRODUCTIVE TOXICITY**

Does not meet the classification criteria for this hazard class

**DIMETHYLETHER**

Developmental toxicity/teratogenicity (OECD method 452): no evidence of teratogenic effects (NOAEL=25000 mg/kg).

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

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****DIMETHYLETHER**

LC50 - for Fish	> 4000 mg/l/96h Poecilia reticula (Guppy)
EC50 - for Crustacea	> 4400 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	154,9 mg/l/72h

**12.2. Persistence and degradability****DIMETHYLETHER**

It degrades rapidly in air through photochemical reactions. The life of the product in the atmosphere can be considered to be very few days (literature data: 5.1 days), with ozone depletion potential practically equal to zero. Only under certain conditions, through the complex interaction with other atmospheric pollutants that may be present and in certain climatic and meteorological conditions, near the surface, can photochemical degradation contribute to the formation of tropospheric ozone.

BUTANE  
Solubility in water 0,1 - 100 mg/l  
Rapidly degradable

PROPANE  
Solubility in water 0,1 - 100 mg/l  
Rapidly degradable

DIMETHYLETHER  
NOT rapidly degradable

VINYL ACETATE  
Rapidly degradable

#### 12.3. Bioaccumulative potential

BUTANE  
Partition coefficient: n-octanol/water 2,89

BCF 33

PROPANE  
Partition coefficient: n-octanol/water 2,86  
BCF 13

#### 12.4. Mobility in soil

##### DIMETHYLETHER

At atmospheric temperature and pressure, the substance is in the gaseous state, colorless and odorless, extremely volatile, and tend to rapidly disperse in the air without causing soil pollution. No adsorption/absorption phenomena in the soil are therefore foreseen.

BUTANE  
Partition coefficient: soil/water 2,95

PROPANE  
Partition coefficient: soil/water 2,66

#### 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

DIMETHYLETHER  
Potential destructive effect on ozone: 0  
Global warming potential (GWP): 1

### SECTION 13. Disposal considerations

Proper waste management of the mixture and / or its container must be determined in accordance with the provisions of Directive 2008/98 /EC and its amendments, takin into account the Regulation (EU) n. 1357/2014, Decision (EU) n. 955/2014 and Regulation (EU) n. 997/2017. Methods for waste management must be evaluated case by case, in relation to the composition of the waste itself.

### 13.1. Waste treatment methods

Waste management is carried out without endangering human health and without harming the environment and without risk to water, air, soil, plants or animals. Do not dispose of waste into the drains or sewers. The product residues must be disposed of according to current regulations addressing to authorized companies. Waste transport must also be carried out in accordance with the regulations on the transport of dangerous goods.

CONTAMINATED PACKAGING. The generation of waste should be avoided or minimized wherever possible. The incineration and landfilling should be considered when recycling is not feasible. Maintain label(s) on the packaging. Deliver contaminated packaging to an authorized waste management company. The containers and packing materials contaminated with substances or preparations must be treated like the product and sent for recovery or disposal in compliance with national waste management regulations.

The empty container heated at temperatures above 70 ° C may burst.

EUROPEAN WASTE CATALOGUE CODE. Current legislation does not allow the attribution of EWC codes for wastes containing the substance / preparation referred to herein, as they must be identified on the basis of information not available before use of the product.

## 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



### 14.4. Packing group

ADR / RID, IMDG, IATA: -

### 14.5. Environmental hazards

ADR / RID: NO  
IMDG: NO  
IATA: NO

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**14.6. Special precautions for user**

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

**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 1907/2006

Product  
Point 40

Contained substance

Point 75

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

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ 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 been performed for the following contained substances

PROPANE  
BUTANE  
DIMETHYLETHER

### **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 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
Flam. Liq. 2	Flammable liquid, category 2
Press. Gas (Liq.)	Liquefied gas
Carc. 2	Carcinogenicity, category 2
Acute Tox. 4	Acute toxicity, category 4
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H351	Suspected of causing cancer.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful 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)
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)
- 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.

	<p><b>ROIAL. COSMETICI s.r.l.</b></p> <p><b>SPRAY HAIR REMOVAL COLD WAX - CHLOROPHYLL</b></p>	<p>Revision nr. 1 Dated 23/02/2023 First compilation Printed on 21/07/2023 Page n. 16/16</p>
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**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.

**INGREDIENTS:** GLYCERYL ROSINATE, BUTANE, DIMETHYL ETHER, PARAFFINUM LIQUIDUM, PROPANE, ETHYLENE VINYL ACETATE COPOLYMER, TITANIUM OXIDE, CI 75810, PARFUM.

The product is a cosmetic in the finished state to which Regulation no. 1272/2008 (CLP) and the provisions of Title IV of Regulation no. 1907/2006 (REACH).

This Safety Data Sheet, which includes a classification according to the CLP Regulation, is provided to convey safety information to downstream users.