



COSMETIC PRODUCT DATA SHEET

HAIR REMOVAL SPRAY CREAM

Issued on Jan 28th 2013
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INFO SHEET ON COSMETIC PRODUCTS

1. Chemical Products and Company Identification

1.1 Product Name

Name **EASYSPRAY HAIR REMOVAL SPRAY CREAM**

1.2 Identified uses of the substance or mixture and uses not recommended

Description / use Hair removal cream

1.3 Info on safety data sheet provider

Legal name COSMOSOL SRL
Street Address Via Quartiano, 25
Place and State City and Country 26837 – Mulazzano (LO) ITALY
Tel: +39 02/989112
Fax: +39 02/9896044

Safety Data Sheets supervisor pizzottim@cosmosol.com (Pizzotti Marino)
Contact e-mail

Issuing company COSMOSOL SRL

1.4 Emergency telephone number

Please call: Tel: +39 02/989112

2. Hazards Identification

2.1 Chemical substance or mixture classification

According to dispositions on directives 67/45/EC and 1999/45/EC and subsequent changes, cosmetic products do not need to be classified and labelled.

Hazards identification
CONTACT WITH SKIN MAY RESULT IN ALLERGIC RESPONSES

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

POTENTIAL HAZARD FOR AQUATIC ORGANISMS; MIGHT CAUSE LONG TERM NEGATIVE EFFECT TO AN AQUATIC ENVIRONMENT.

2.2 Label

According to dispositions on directives 67/45/EC and 1999/45/EC and subsequent changes, cosmetic products do not need to be classified and labelled.

This information sheet only acts as an attachment to the Multimodal Dangerous Goods Form in the case of shipment by sea of hazardous materials.

a. Other hazards

Information not available.

3. Composition / Information on Ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Contents:

Identification Conc. % Classification 67/549/CEE Classification 1272/2008 (CLP)

POTASSIUM THIOGLYCOLATE

CAS. 34452-51-2 3,5 – 4 Xn R22, Xi R43 Acute Tox. 4 H302, Skin Sens. 1 H317
CE. 252-038-4

INDEX. -
Nr. Reg.

STRONTIUM HYDROXIDE

CAS. 18480-07-4 1 – 1,5 C R34 Skin Corr. 1B 1H314
CE. 242-367-1

INDEX. -
R. Rg.

SWEET ORANGE EXTRACT

CAS. 8028-48-6 0,5 – 0,6 R10, Xi R38, Xi R43, N R50/53 Flam. Liq. 3 H226. Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410

2,6-TER-BUTIL-4-METHYLPHENOL

CAS. 128-37-0 0,2 – 0,3 N R50/53 Aquatic Acute 1H400 M=1, Aquatic Chronic 1 H410

Note: highest range value not counted.

Full text for risk (R) and hazard (H) indications is under section 16 of this sheet.

T+= highly toxic (T+), T = Toxic (T), Xn = hazardous (Xn), C = Corrosive (C), Xi = Blistering (Xi), O = Combustive (O), E = Explosive (E), F+ = Extremely Flammable (F+), F= Easily Flammable (F), N = Hazardous for the Environment (N)

4. First Aid Procedures

a. First Aid procedures information

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

EYES: Remove contact lenses if wearing them and wash eyes immediately with water for at least 15 minutes while holding eyelids wide open. Consult a physician if issue persists.

SKIN: Remove contaminated clothing and wash skin immediately with water. Consult a physician if irritation persists. Launder contaminated clothing before wearing them again.

INHALATION: Move to an area with fresh air. Seek medical help immediately if breathing is impaired.

INGESTION: Consult a physician immediately. Induce vomiting only on physician's orders. Do not administer anything orally if the subject is unconscious unless authorized by a physician.

4.2 Main symptoms and effect, acute or delayed

Check section 11 for symptoms caused by the substances.

4.3 Information on the immediate necessity of consulting a physician and special treatments.

Information not available.

5. Fire Fighting Measures

5.1 Extinguishing measures

SUITABLE EXTINGUISHING MEASURES

Traditional extinguishing measures are acceptable: Carbon dioxide, Foam, Dust and Mist.

IMPROPER EXTINGUISHING MEASURES

None.

5.2 Hazards due to substance or mixture

EXPOSURE HAZARDS IN CASE OF FIRE

Avoid breathing in combusting products.

5.3 Recommendations for fire fighters

GENERAL INFORMATION

Cool down the containers with water to avoid product decomposition and the development of potentially hazardous or lethal substances. Wear fireproof equipment at all times. Collect wastewater, it must not be discarded into drains, sewers or waterways, but discarded in accordance with existing regulations.

EQUIPMENT

Use standard fire fighting gear such as a respirator (EN 137), flameproof clothing (EN469), flameproof gloves (EN 659) and standard issue fire fighters' boots (HO A29 or A30).

6 Accidental Release Measures

6.1 Personal precautions, protection devices and procedures in case of an emergency.

Contain the spill if there's no danger.

6.2 Environmental precautions

Avoid disposing of the product into drains, sewers, phreatic aquifers and surface waters

6.3 Containment and reclamation measures

Store spilled material in an appropriate waste container (as indicated in section 10). Soak up remainder with inert absorbent material.

6.4 Reference to other sections

Reference sections 8 and 13 for additional information concerning personal safety and material disposal.

7 Handling and Storage

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

7.1 Safe handling precautions

Do not expose to heat, sparks or flames. Do not smoke or use matches or lighters close to the material. Inadequate ventilation might cause vapours to ignite, if triggered, even from a distance, potentially causing a backfire. Avoid electrostatic charges. Avoid eating, drinking or smoking while using the product. Remove contaminated gear before accessing areas where food is consumed. Do not dispose of the product into the surrounding environment.

7.2 Safe storage conditions and potential incompatibilities

Store the product exclusively in its original container. Store the product in a cool and ventilated area, away from heat sources, flames, sparks or other ignition sources. Consult section 10 for a list of incompatible materials that shall not be stored with the product.

7.3 Other specific final uses

Information not available.

8 Exposure Control/ Personal Protection

8.1 Control parameters

Norm references:

Italy	Legislative decree 9 April 2008, n. 81
Switzerland	Valeurs limites d'exposition aux postes de travail 2012
OEL EU	Directive 2009/161/UE; Directive 2006/15/CE; 2004/37/CE; Directive 2000/39/CE.
TLV-ACGIH	ACGIH2012

2,6-TER-BUTIL-4-METHYLPHENOL

Threshold Values

Type	State	TWA/8h mg/m ³	STEL/15min ppm	mgm ³	ppm
TLV-ACGIH		2			

(C) = CEILING ; INALAB = Inhalable fraction ; RESPIR = Breathable fraction ; TORAC = Thoracic fraction

VND= Danger verified but no DNEL/PNEC available; NEA= no expected exposition NPI= no danger identified.

8.2 Exposure control

The use of proper technical means should always be prioritized over personal protection equipment; make sure to have adequate ventilation of the workspace via a proper local exhaust system. Personal protection devices should conform to the existing norms herein mentioned.

HAND PROTECTION

Protect hands with category II work gloves (ref. 89/686/EEC Directive and EN 374 norm) in PVC, neoprene, nitrile or equivalent material. Consider degradation, infiltration and breakthrough time when choosing work gloves. Gloves' resistance against preparations is unpredictable and must be verified before wearing them. Gloves' breakthrough time depends on the length of exposure.

EYE PROTECTION

Wear hermetically sealed protective goggles (ref. norm EN 166)

SKIN PROTECTION

Wear work clothes with long sleeves and safety boots, category II (ref. Directive 89/686/EEC and EN 344 norm). Wash with soap and water after removing the protective clothing.

RESPIRATORY PROTECTION

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

Should one or more of product's substances exceed threshold value (based on the level of daily exposure in the working environment or of a fraction assessed by company's protection and prevention service), wear a B-type filter mask or universal mask (classes 1, 2 or 3, based on the concentration limit – ref. norm EN 141).

It is necessary to use a means of respiratory protection, such as the masks above, if there are no technical measures to limit worker's exposure. Masks, however, offer limited protection: if the substance is odourless or its olfactory threshold exceeds the relative exposure limit or in the case of emergencies (when exposure levels are unknown or the concentration of oxygen in the working environment is less than 17% in volume), wear an open circuit or external breathing apparatus (ref. norm EN 137) in conjunction with the mask, half mask or mouthpiece (ref. norm EN 138).

Set up an eye irrigation system and an emergency shower.

Check for the effects of exposure on the environment

Emissions from the production process, as well as from the ventilation system, should be checked in order to meet the environmental protection norm.

9. Chemical and Physical Properties

9.1 Fundamental physical and chemical properties

Physical state:	Liquid – creamy
Colour	not available
Odour	not available
Odour threshold	not available
pH	not available
Fusion or freezing point	not available
Initial boiling point	not available
Boiling interval	not available
Flammability point	> 60°C
Vaporisation level	not available
Lower flammability level	not available
Higher flammability level	not available
Lower explosive limit	not available
Higher explosive limit	not available
Vapour pressure	not available
Vapour density	not available
Specific weight	not available
Solubility	not available
Distribution constant: n-octanol/water	not available
Pre-ignition temperature	not available
Decomposition temperature	not available
Viscosity	not available
Explosive properties	not available
Oxidation properties	not available

9.2 Additional info

Information not available

10. Stability and Reactivity

10.1 Reactivity

Under normal working conditions there is no particular danger of reactions with other substances.

10.2 Chemical stability

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

Product is stable under normal working and storage conditions.

10.3 Potentially dangerous reactions

Mixing vapours with air might cause explosions.

10.4 Conditions to avoid

Avoid overheating. Avoid electrostatic charge build-up. Avoid all forms of ignition.

10.5 Incompatible materials

Information not available

10.6 Dangers of decomposition

Potentially dangerous gases and vapours might spread through thermal decomposition or in the case of fire.

11. Toxicological Information

11.1 Toxicology Report results

Allergic responses (contact dermatitis) may appear due to contact with skin. Dermatitis is a result of skin inflammation, which originates in the cutaneous areas that repeatedly come into contact with the sensitizing agent. Skin lesions might include sun-rashes, oedemas, papules, vesicles, pockmarks, scales, cracking of the skin and exuding episodes, which vary based on the areas affected and the stage of the illness. Instances of sun-rashes, oedemas and exuding episodes are prevalent in the acute stages. Scales, dryness, fissures and thickenings are prevalent in the chronic stages.

2,6-TER-BUTIL-4-METHYLPHENOL

LD50 (Oral): 6310 mg/kg Rat

LD50 (Cutaneous) >5000 mg/kg Rabbit

POTASSIUM THIOGLYCOLATE

LD50 (Oral): 200 mg/kg Rat

LD50 (Cutaneous) >2000 mg/kg Rat

(S)-P-MENTA-1,8-DIENE

LD50 (Oral): 5000 mg/kg Rat

LD50 (Cutaneous) >5000 mg/kg Rabbit

SWEET ORANGE EXTRACT

LD50 (Oral): >5000 mg/kg Rat

LD50 (Cutaneous) >5000 mg/kg Rabbit

12. Ecological Information

Product must be considered as hazardous for the environment as it might result in a long-term negative effect on an aquatic environment.

12.1 Toxicity

2,6-TER-BUTIL-4-METHYLPHENOL

EC50 (48h): 1,55 mg/l Daphnia pulex

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

(S)-P-MENTA-1,8-DIENE
LC50 (96h): 0,702 mg/l Fish

SWEET ORANGE EXTRACT
EC50 (48h) 0,67 mg/l Daphnia magna

12.2 Toxicity

Information not available

12.3 Bioaccumulation potential

Info not available.

12.4 Toxicity

Information not available

12.5 Ground mobility

Information not available

12.6 PBT and vPvB evaluation results

Based on the available data, product does not contain any PBT or vPvB substances of more than 0,1%.

12.7 Other dangerous effects

Information not available

13 Disposal Considerations.

13.1 Waste management measures

Reuse if possible. Product residue must be considered a hazardous special waste. The hazard level of waste that contains this product must be assessed according to current regulations. A company authorized to handle waste must be utilized for its disposal, in compliance with any national and local regulations.

CONTAMINATED PACKAGING.

Contaminated packaging must be recycled or disposed of in accordance with national regulations on waste management.

14. Transport Information.

According to current provisions regarding transport of hazardous material on the road (A.D.R.), by railway (RID), by sea (IMDG Code) and by plane (IATA), product is not dangerous.

15. Regulatory Information.

15.1 Norms and legislation on health, safety and the environment focused on substance or mixture.

Seveso Category None

Restrictions concerning the product or its components by the annex Regulation (EC) 1907/2006:

Product.

Point. 3

Substances in the Candidate List (Art. 59 REACH):

None.

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

Substances subject to authorization (Annex XIV REACH):

None.

Health Controls.

Workers exposed to this hazardous chemical agent must undergo compulsory sanitary surveillance by dispositions of art. 41 of D.Lgs. (Legislative decree) 81 from 9 April 2008, except in cases where the safety risk to the worker has been deemed insignificant, as set forth by Art. 224 , 2.

15.2 Evaluation of chemical safety.

A chemical safety evaluation for the mixture and its components has not been made in detail.

16. Other information.

List of hazards (H) as indicated in sections 2-3 of this report:

Flam. Liq. 3	Flammable liquid, cat. 3
Acute Tox. 4	Acute toxicity, cat. 4
Skin Corr. 1B	Skin corrosion, cat. 1B
Skin Irrit. 2	Skin irritation, cat. 2
Skin Sens. 1	Skin sensitization, cat. 1
Aquatic acute 1	Danger for the aquatic environment, acute toxicity, cat. 1
Aquatic chronic 1	Danger for the aquatic environment, chronic toxicity, cat. 1
H226	Flammable vapours and liquid.
H302	Harmful if ingested.
H314	Causes harmful skin burns and ocular lesions.
H315	Causes skin irritations.
H317	May cause an allergic skin reaction.
H400	Highly toxic for aquatic organisms.
H410	Highly toxic for aquatic organisms with long term effects.

Text of risk lines (R) as indicated in sections 2-3 of this report.

R10	FLAMMABLE.
R22	HARMFUL IF INGESTED.
R34	CAUSES BURNS.
R38	CAUSES SKIN IRRITATIONS.
R43	MAY CAUSE ALLERGIC RESPONSES IF IT COMES INTO CONTACT WITH SKIN.
R50/53	HIGHLY TOXIC FOR AQUATIC ORGANISMS; MAY CAUSE LONG TERM NEGATIVE EFFECTS FOR THE AQUATIC ENVIRONMENT.
R52/53	CAUSES NEGATIVE EFFECTS ON AQUATIC ORGANISMS; MAY CAUSE LONG TERM NEGATIVE EFFECTS FOR THE AQUATIC ENVIRONMENT.

LEGEND

- ADR: European agreement on hazardous material transportation on the road.
- CAS NUMBER: Chemical Abstract Service number
- CE50: concentration causing a response in 50% of the subjects being tested.
- CE NUMBER: ESIS ID Number (European archive of existing substances).
- CLP: EC Regulation 1272/2008
- DNEL: Derived no-effect level
- EmS: Emergency schedule
- GHS: Globally harmonized system of classification and labelling of chemicals
- IATA DGR: Regulation for transport of dangerous goods by the International Air Transport Association.
- IC50: Half maximal inhibitory concentration of the population subject to the test.
- IMDG: International Maritime Dangerous Goods Code.

ELITE srl Cosmetic Product Data Sheet

Product Name: Hair Removal Spray Cream

- IMO: International Maritime Organization.
- INDEX NUMBER: Identification number of Annex VI of the CLP
- LC50: 50% of lethal concentration
- LD50: 50% of lethal dose
- OEL: Occupation Exposure Limit
- PBT: Persistent bioaccumulative toxic chemical
- PEC: Predicted Environmental Concentration
- PEL: Predicted Exposure Level
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
- TLV: Threshold Limit Value
- TWA STEL: Time-weighted Average of Short-term Exposure Limit
- TWA: Time-weighted Average
- VOC: Volatile Organic Compound
- vPvB: Very Persistent, Very Bioaccumulative

GENERAL BIBLIOGRAPHY

01. EC Directive 1999/45 and subsequent modifications
02. EEC Directive 67/548 and subsequent modifications and adjustments
03. EC Regulation 1907/2006 of the European Parliament (REACH)
04. EC Regulation 1272/2008 of the European Parliament (CLP)
05. EC Regulation 790/2009 of the European Parliament (I Atp. CLP)
06. EC Regulation 453/2010 of the European Parliament
07. EC Regulation 286/2010 of the European Parliament (II Atp. CLP)
08. The Merck Index. Ed. 10
09. Handling Chemicals Safely
10. Niosh – Registry of Toxic Effects of Chemical Substances
11. INRS – Fiche Toxicologique (MSDS)
12. Patty – Industrial Hygiene and Toxicology
13. N.I. Sax – Dangerous Properties of Industrial Materials-7 Ed., 1989
- 14 .ECHA Agency website

Notes for the user:

The Information contained in this report is based on knowledge available to us from the most recent versions. The user must make sure of the suitability and completeness of the information related to the specific use of the product.

This document does not authorize any specific suitability of the product.

Since the use of the product does not fall under our direct control, the user is responsible for the observance of laws and dispositions concerning hygiene and safety. We cannot be held responsible for improper use.

Supply adequate information to those responsible for the use of chemical products.