

# ELITE COSMETIX KFT.

## SAFETY DATA SHEET

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Preparation date: 26.05.2017. Revision date: 01.03.2018 Version: 2.0

### 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier: Crystal Nails Cool Top Gel

1.2. Relevant identified uses of the mixture and uses advised against:

**Non-cleansing top gel for artificial nails for cosmetic use.**

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

Elite Cosmetix Ltd.  
1085 Budapest, Jozsef krt. 44.  
Phone: +36-1-461 0144 fax: +36-1-461 0145  
lab2@elitecosmetix.com

1.4. Emergency telephone number:

Country	Name	Phone No.	Availability
Hungary	Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)	+36 80201199	call around the clock
Austria	Vergiftungsinformationszentrale	+43 14064343	call around the clock
Belgium	Antigifzentrum	+32 070245245	call around the clock
Czech Republic	Toxikologického informačního střediska	+420 224919293	call around the clock
Denmark	Giftlinjen	+45 82121212	call around the clock
France	Centre Antipoison et de Toxicovigilance	+ 33 0140054848	call around the clock
Germany	Giftnotruf Berlin Institut für Toxikologie	+49 3019240	call around the clock
Ireland	National Poisons Information Centre	+353 018092566	call around the clock
Italy	S.C. Centro Antiveneni di Milano (CAV)	+39 0266101029	call around the clock
Spain	Instituto Nacional de Toxicología y Ciencias Forenses	+34 915620420	call around the clock
The Netherlands	Vergiftigingen	+31 0302748888	call around the clock

### 2. HAZARDS IDENTIFICATION

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### 2.1. Classification of the substance or mixture:

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

<b>Skin Irrit. 2</b>	<b>H315</b>
<b>Skin Sens. 1</b>	<b>H317</b>
<b>Eye Irrit. 2</b>	<b>H319</b>
<b>Repr. 2</b>	<b>H361f</b>
<b>Aquatic Acute 1</b>	<b>H400</b>
<b>Aquatic Chronic 1</b>	<b>H410</b>

### 2.2. Labelling elements:



GHS07

GHS08

GHS09

**Signal words:** Warning!

#### **Hazard statements**

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H361f: Suspected of damaging fertility.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects

#### **Precautionary statements**

##### **Prevention**

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

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

P202: Do not handle until all safety precautions have been read and understood.

P273: Avoid release to the environment.

##### **Response**

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If on skin	P302 + P352: Wash with plenty of soap and water.
If in eyes	P305 + P351 + P338: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Storage</b>	P405: Store locked up.
<b>Dispose</b>	P501: Dispose of contents and container in accordance with all local, regional, national and international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is considered dangerous and contains the following hazardous substances.

Chemical name	CAS No.	EU No.	INCI name	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard statements	m %
Aliphatic Urethane Acrylate	—	—	Aliphatic Urethane Acrylate	Skin Irrit. 2 Eye Irrit. 2	H315 H319	50-75
2-hydroxyethyl methacrylate	868-77-9	212-782-2	HEMA	Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2	H315 H317 H319	10-25
Pentaerythritol tetrakis(3-mercaptopropionate)	7575-23-7	231-472-8	Pentaerythrityl Tetramercaptopropionate <sup>1</sup>	Acute Tox. 4 Skin Sens. 1 A Aqua. Acute 1 Aqua. Chronic 1	H302 H317 H400 H410	10-25
2-(4-Benzoyl-3-Hydroxyphenox y) Ethyl Acrylate	16432-81-8	240-488-4	2-(4-Benzoyl-3-Hydroxyphenox y) Ethyl Acrylate	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3	H315 H319 H335	10-25

<sup>1</sup> M-factor = 1

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Diphenyl(2,4,6-trimethylbenzoyl)Phosphine Oxide	75980-60-8	278-355-8	Trimethylbenzoyl Diphenylphosphine Oxide	Repr. 2	H361f	1-5
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There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

### 4. FIRST AID MEASURE

#### 4.1. Description of first aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
In case of skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
In case of eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
If swallowed	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position

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comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### 4.2. Most important symptoms and effects associated with exposure

#### Potential acute health effect

If inhaled	No known significant effect or critical hazards.
In case of skin contact	Causes skin irritation. May cause an allergic skin reaction.
In case of eye contact	Causes serious eye irritation.
If swallowed	Irritating to mouth, throat and stomach.

#### Over-exposure signs/symptoms

If inhaled	No specific data.
In case of skin contact	Adverse symptoms may include the following: irritation, redness. Prolonged contact may cause blister formation.
In case of eye contact	Adverse symptoms may include the following: irritation, watering, redness.
If swallowed	No specific data.

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

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatment	No specific treatment.

## 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Recommended	Use carbon dioxide or dry chemical for small fires, foam or water for large fires.
To avoid	Use of a stream of water.

### 5.2. Specific hazards during fire fighting

Hazards from the substance or mixture	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide, carbon monoxide.

### 5.3. Advice for firefighters

Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## 6. ACCIDENTAL RELEASE MEASURE

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do
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not touch spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in For “non-emergency personnel”.

### 6.2. Environmental precautions

Very toxic to aquatic life. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air ).

### 6.3. Methods and materials for containment and cleaning up

Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

### 6.4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## 7. HANDLING AND STORAGE

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### 7.1. Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2. Conditions for safe storage

Requirements for storage areas and containers	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
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### 7.3. Specific end uses

Recommendations	Not available.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Occupational exposure limits** No exposure limit value known.

### 8.2. Exposure controls

Engineering controls	If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other
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engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing.

Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Skin and body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the

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requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Clear.
Odour	Characteristic, acrylate odour.
Melting / freezing point	No data available.
Boiling point	No data available.
Flash point	Closed cup: >100 °C
Vapour pressure	No data available.
Vapour density	No data available.
Relative density	No data available.
Auto ignition temperature	No data available.
Solubility in water	Insoluble.
Specific gravity	1.15 (water = 1)
Viscosity	No data available.

**9.2. Other information** No additional information.

### 10. STABILITY AND REACTIVITY

<b>10.1. Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2. Chemical stability</b>	Stable under normal conditions of storage and use.
<b>10.3. Possibility of hazardous reactions</b>	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.
<b>10.4. Conditions to avoid</b>	Exposure to light, incompatible materials.
<b>10.5. Incompatible materials</b>	Peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.
<b>10.6. Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### Acute toxicity

Ingredient name	Result	Species	Dose	Exposure
Pentaerythritol tetrakis(3-mercaptopropionate)	LD 50 Oral	Rat	1000-2000 mg / kg	-

#### 11.2. Most important symptoms and effects associated with exposure

##### Potential acute health effect

If inhaled	No known significant effect or critical hazards.
In case of skin contact	Causes skin irritation. May cause an allergic skin reaction.
In case of eye contact	Causes serious eye irritation.
If swallowed	Irritating to mouth, throat and stomach.

##### Over-exposure signs/symptoms

If inhaled	No specific data.
In case of skin contact	Adverse symptoms may include the following: irritation, redness. Prolonged contact may cause blister formation.
In case of eye contact	Adverse symptoms may include the following: irritation, watering, redness.
If swallowed	No specific data.

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

Short term exposure	No information available.
Long term exposure	No information available.

<b>11.4. Potential chronic health effects</b>	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
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### 12. ECOLOGICAL INFORMATION

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### 12.1. Toxicity

Ingredient name	Result	Species	Exposure
Pentaerythritol tetrakis(3-mercaptopropionate)	LC 50 0.42 mg / l	Fish - Oncorhynchus mykiss	96 hrs
	NOEC 0.1 mg / l	Algae - Desmodesmus subspicatus	-

**12.2. Persistence and degradability** No information available.

**12.3. Bioaccumulative potential** No information available.

### 12.4. Mobility in soil

Soil / water partition coefficient (Koc) Not available.

Mobility Not available.

### 12.5. Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable.

**12.6 Other adverse effects:** No known significant effects or critical hazards.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Product

Methods of disposal The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant

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with the requirements of all authorities with jurisdiction.

**Hazardous waste** The classification of the product may meet the criteria for a hazardous waste.

### Packaging

**Methods of disposal** The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

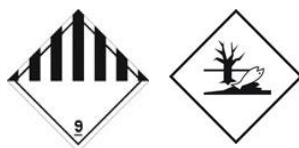
## 14. TRANSPORT INFORMATION

This product is classified as dangerous goods.

**14.1. UN No.** 3082

**14.2. Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Pentaerythritol tetrakis(3-mercaptopropionate))

**14.3. Transport hazard class** 9



**14.4. Packing group** III.

**14.5. Environmental hazards** Yes.

**14.6. Special precautions** Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7. Transport in bulk according to Annex II of** Not available.

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Marpol and the IBC Code

### 15. REGULATORY INFORMATION

**15.1. Other regulation**                    1223/2009/EEC: Regulation on cosmetic products

**15.2. Chemical Safety Assessment**                    Chemical safety assessment was prepared neither for the ingredients, nor for the product itself.

### 16. OTHER INFORMATION

Note of supplier of material safety data sheet

**Note: Since the product is marketed as a cosmetic product, thus, it is out of scope of CLP regulation 1272/2008. However, in order to facilitate the chemical risk assessment of work places for professional users, the classification and labelling elements in accordance with CLP are included, but only referential.**

**The product is labelled in accordance with 1223/2009/EEC.**

This MSDS is based on data of the original safety data sheet provided by the manufacturer, using the up-to-date version of regulation 1907/2006. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product, therefore it cannot be used to verify quality compliance. Elite Cosmetix Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.