

## MOOD COLOR PROTECT CONDITIONER

# Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

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

### 1.1. Product identifier

Code: 1002050300  
Product name: MOOD COLOR PROTECT CONDITIONER

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

| Identified Uses  | Industrial | Professional | Consumer |
|------------------|------------|--------------|----------|
| hair conditioner | -          | ✓            | -        |

### Uses Advised Against

Do not use other than as indicated.

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

Name: PIDIELLE S.p.A.  
Full address: VIA BERGAMINA, 7  
District and Country: 20014 NERVIANO (MI)  
Italia  
Tel. +39 0331 580 166  
Fax +39 0331 485 677

e-mail address of the competent person

responsible for the Safety Data Sheet: sds@elgoncosmetic.it  
Product distribution by: PIDIELLE S.p.A.

### 1.4. Emergency telephone number

For urgent inquiries refer to

**+39 0331 580 166****Numeri telefonici dei principali Centri Antiveleni italiani (attivi 24/24 ore)**

Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fondazione Maugeri - Pavia)  
Centro Antiveleni di Milano 02 66101029 (CAV Ospedale Niguarda Ca' Granda - Milano)  
Centro Antiveleni di Bergamo 800 883300 (CAV Ospedali Riuniti - Bergamo)  
Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi - Firenze)  
Centro Antiveleni di Roma 06 305434 (CAV Policlinico Gemelli - Roma)  
Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I - Roma)  
Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli)  
Centro Antiveleni di Foggia 0881 732326 (Az. Osp. Univ. Foggia)

## 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 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

**MOOD COLOR PROTECT CONDITIONER**

## Hazard classification and indication:

|                                                                    |      |                                                  |
|--------------------------------------------------------------------|------|--------------------------------------------------|
| Eye irritation, category 2                                         | H319 | Causes serious eye irritation.                   |
| Skin irritation, category 2                                        | H315 | Causes skin irritation.                          |
| Hazardous to the aquatic environment, chronic toxicity, category 2 | H411 | Toxic to aquatic life with long lasting effects. |

**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:

|               |                                                         |
|---------------|---------------------------------------------------------|
| <b>H319</b>   | Causes serious eye irritation.                          |
| <b>H315</b>   | Causes skin irritation.                                 |
| <b>H411</b>   | Toxic to aquatic life with long lasting effects.        |
| <b>EUH208</b> | Contains: COUMARIN<br>May produce an allergic reaction. |

## Precautionary statements:

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| <b>P273</b>      | Avoid release to the environment.                           |
| <b>P391</b>      | Collect spillage.                                           |
| <b>P280</b>      | Wear protective gloves / eye protection / face protection.  |
| <b>P337+P313</b> | If eye irritation persists: Get medical advice / attention. |
| <b>P264</b>      | Wash with water thoroughly after handling.                  |

**2.3. Other hazards**

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

**SECTION 3. Composition/information on ingredients****3.2. Mixtures**

## Contains:

| Identification              | x = Conc. %      | Classification 1272/2008 (CLP)                                                                                                  |
|-----------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>CETRIMONIUM CHLORIDE</b> |                  |                                                                                                                                 |
| CAS 112-02-7                | $2 \leq x < 2,5$ | Acute Tox. 3 H311, Acute Tox. 4 H302, Skin Corr. 1C H314, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1 |
| EC 203-928-6                |                  |                                                                                                                                 |

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Reg. no. 01-2119970558-23-XXXX

**LAURYL ALCOHOL**CAS 112-53-8  $2 \leq x < 2,5$  Eye Irrit. 2 H319, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411

EC 203-982-0

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Reg. no. 01-2119485976-15-XXXX

**MYRISTYL ALCOHOL**CAS 112-72-1  $0,9 \leq x < 1$  Eye Irrit. 2 H319, Aquatic Chronic 1 H410 M=1

EC 204-000-3

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Reg. no. 01-2119485910-33-XXXX

**natural fatty alcohol C12-14 with 4MEO**CAS 68439-50-9  $0,15 \leq x < 0,2$  Eye Dam. 1 H318, Aquatic Acute 1 H400 M=1

EC

INDEX -

**LAURETH-4**CAS 5274-68-0  $0,1 \leq x < 0,15$  Eye Dam. 1 H318, Aquatic Acute 1 H400 M=1

EC 226-097-1

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**ETHYL ACETATE**CAS 141-78-6  $0 \leq x < 0,05$  Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066

EC 205-500-4

INDEX 607-022-00-5

Reg. no. 01-2120063205-65-0000

**COUMARIN**CAS 91-64-5  $0 \leq x < 0,05$  Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Sens. 1A H317, Aquatic Chronic 2 H411

EC 202-086-7

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**ACETIC ACID**CAS 64-19-7  $0 \leq x < 0,05$  Flam. Liq. 3 H226, Skin Corr. 1A H314, Eye Dam. 1 H318, Classification note according to Annex VI to the CLP Regulation: B

EC 200-580-7

INDEX 607-002-00-6

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

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

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

## MOOD COLOR PROTECT CONDITIONER

**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**

Do not breathe combustion products.

**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. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

**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**

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

**6.2. Environmental precautions**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

**6.3. Methods and material for containment and cleaning up**

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

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**

## MOOD COLOR PROTECT CONDITIONER

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

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Regulatory References:

|     |                |                                                                                                                                                                   |
|-----|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ESP | España         | LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)                                                                                    |
| GBR | United Kingdom | EH40/2005 Workplace exposure limits (Third edition,published 2018)                                                                                                |
| ITA | Italia         | DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017                                                                                                     |
| EU  | OEL EU         | 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 91/322/EEC. |
|     | TLV-ACGIH      | ACGIH 2019                                                                                                                                                        |

### CETRIMONIUM CHLORIDE

Predicted no-effect concentration - PNEC

|                                              |          |       |
|----------------------------------------------|----------|-------|
| Normal value in fresh water                  | 0,00068  | mg/l  |
| Normal value in marine water                 | 0,000068 | mg/l  |
| Normal value for fresh water sediment        | 9,27     | mg/kg |
| Normal value for marine water sediment       | 0,927    | mg/kg |
| Normal value for water, intermittent release | 0,0008   | mg/l  |
| Normal value of STP microorganisms           | 0,4      | mg/l  |
| Normal value for the terrestrial compartment | 7        | 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              |                      |                |               | 2,83 mg/kg bw/d  |                    |                |               |                  |
| Inhalation        |                      |                |               | 0,98 mg/m3       |                    |                |               | 3,32 mg/m3       |
| Skin              |                      |                |               |                  |                    |                |               | 4,7 mg/kg bw/d   |

### LAURYL ALCOHOL

Predicted no-effect concentration - PNEC

**MOOD COLOR PROTECT CONDITIONER**

|                                              |         |       |
|----------------------------------------------|---------|-------|
| Normal value in fresh water                  | 0,0028  | mg/l  |
| Normal value in marine water                 | 0,00028 | mg/l  |
| Normal value for fresh water sediment        | 1,1     | mg/kg |
| Normal value for marine water sediment       | 0,11    | mg/kg |
| Normal value of STP microorganisms           | 0,021   | mg/l  |
| Normal value for the terrestrial compartment | 0,888   | 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              |                      | 75 mg/kg bw/d  |               | 75 mg/kg bw/d    |                    |                |               |                  |
| Inhalation        |                      | 65 mg/m3       |               | 65 mg/m3         |                    | 220 mg/m3      |               | 220 mg/m3        |
| Skin              |                      | 75 mg/kg bw/d  |               | 75 mg/kg bw/d    |                    | 125 mg/kg bw/d |               | 125 mg/kg bw/d   |

**MYRISTYL ALCOHOL****Predicted no-effect concentration - PNEC**

|                                              |          |       |
|----------------------------------------------|----------|-------|
| Normal value in fresh water                  | 0,00032  | mg/l  |
| Normal value in marine water                 | 0,000032 | mg/l  |
| Normal value for fresh water sediment        | 0,36     | mg/kg |
| Normal value for marine water sediment       | 0,036    | mg/kg |
| Normal value of STP microorganisms           | 0,0019   | mg/l  |
| Normal value for the terrestrial compartment | 0,28     | 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              |                      | 75 mg/kg bw/d  |               | 75 mg/kg bw/d    |                    |                |               |                  |
| Inhalation        |                      | 65 mg/m3       |               | 65 mg/m3         |                    | 220 mg/m3      |               | 220 mg/m3        |
| Skin              |                      | 75 mg/kg bw/d  |               | 75 mg/kg bw/d    |                    | 125 mg/kg bw/d |               | 125 mg/kg bw/d   |

**ETHYL ACETATE****Threshold Limit Value**

| Type      | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|-----------|---------|--------|-----|------------|-----|------------------------|
|           |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| VLA       | ESP     | 734    | 200 | 1468       | 400 |                        |
| WEL       | GBR     | 734    | 200 | 1468       | 400 |                        |
| VLEP      | ITA     | 734    | 200 | 1468       | 400 |                        |
| OEL       | EU      | 734    | 200 | 1468       | 400 |                        |
| TLV-ACGIH |         | 1441   | 400 |            |     |                        |

**ACETIC ACID****Threshold Limit Value**

| Type | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|------|---------|--------|-----|------------|-----|------------------------|
|      |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| VLA  | ESP     | 25     | 10  | 50         | 20  |                        |
| WEL  | GBR     | 25     | 10  | 50         | 20  |                        |

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|           |     |    |    |    |    |
|-----------|-----|----|----|----|----|
| VLEP      | ITA | 25 | 10 | 50 | 20 |
| OEL       | EU  | 25 | 10 | 50 | 20 |
| TLV-ACGIH |     | 25 | 10 | 37 | 15 |

## 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.

**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.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

**HAND PROTECTION**

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

**SKIN PROTECTION**

Wear category II 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, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

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.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

**ENVIRONMENTAL EXPOSURE CONTROLS**

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

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

**SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance cream

Colour white

## MOOD COLOR PROTECT CONDITIONER

|                                        |                        |                   |
|----------------------------------------|------------------------|-------------------|
| Odour                                  | Not available          |                   |
| Odour threshold                        | Not available          |                   |
| pH                                     | 3,0 - 4,0              |                   |
| Melting point / freezing point         | Not available          |                   |
| Initial boiling point                  | Not available          |                   |
| Boiling range                          | Not available          |                   |
| Flash point                            | > 60 °C                |                   |
| Evaporation rate                       | Not available          |                   |
| Flammability (solid, gas)              | Not available          |                   |
| Lower inflammability limit             | Not available          |                   |
| Upper inflammability limit             | Not available          |                   |
| Lower explosive limit                  | Not available          |                   |
| Upper explosive limit                  | Not available          |                   |
| Vapour pressure                        | Not available          |                   |
| Vapour density                         | Not available          |                   |
| Relative density                       | 0,97 - 1,01 g/ml       | Temperature:20 °C |
| Solubility                             | Not available          |                   |
| Partition coefficient: n-octanol/water | Not available          |                   |
| Auto-ignition temperature              | Not available          |                   |
| Decomposition temperature              | Not available          |                   |
| Viscosity                              | 7000 - 20000 mPa x sec | Temperature:20 °C |
| Explosive properties                   | Not available          |                   |
| Oxidising properties                   | Not available          |                   |

**9.2. Other information**

Information not available

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

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

**1,2-PROPANEDIOL**

Hygroscopic. Stable in normal conditions of use and storage.

At high temperatures it tends to oxidate to form propionaldehyde and lactic and acetic acid.

**ETHYL ACETATE**

Decomposes slowly into acetic acid and ethanol under the effect of light, air and water.

**10.2. Chemical stability**

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

## MOOD COLOR PROTECT CONDITIONER

**10.3. Possibility of hazardous reactions**

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

**1,2-PROPANEDIOL**

May react dangerously with: acid chlorides, acid anhydrides, oxidising agents.

**ETHYL ACETATE**

Risk of explosion on contact with: alkaline metals, hydrides, oleum. May react violently with: fluorine, strong oxidising agents, chlorosulphuric acid, potassium tert-butoxide. Forms explosive mixtures with: air.

**ACETIC ACID**

Risk of explosion on contact with: chromium (VI) oxide, potassium permanganate, sodium peroxide, perchloric acid, phosphorus chloride, hydrogen peroxide. May react dangerously with: alcohols, bromine pentafluoride, chlorosulphuric acid, dichromate-sulphuric acid, ethane diamine, ethylene glycol, potassium hydroxide, strong bases, sodium hydroxide, strong oxidising agents, nitric acid, ammonium nitrate, potassium tert-butoxide, oleum. Forms explosive mixtures with: air.

**10.4. Conditions to avoid**

None in particular. However the usual precautions used for chemical products should be respected.

**ETHYL ACETATE**

Avoid exposure to: light, sources of heat, naked flames.

**ACETIC ACID**

Avoid exposure to: sources of heat, naked flames.

**10.5. Incompatible materials****ETHYL ACETATE**

Incompatible with: acids, bases, strong oxidants, aluminium, nitrates, chlorosulphuric acid. Incompatible materials: plastic materials.

**ACETIC ACID**

Incompatible with: carbonates, hydroxides, phosphates, oxidising substances, bases.

**10.6. Hazardous decomposition products****1,2-PROPANEDIOL**

May develop: carbon oxides.

**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.

**MOOD COLOR PROTECT CONDITIONER**

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 toxicological effects**Metabolism, 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

LC50 (Inhalation) of the mixture:  
Not classified (no significant component)  
LD50 (Oral) of the mixture:  
>2000 mg/kg  
LD50 (Dermal) of the mixture:  
>2000 mg/kg

**MYRISTYL ALCOHOL**

LD50 (Oral) > 2000 mg/kg rat

LD50 (Dermal) > 2000 mg/kg rabbit

LC50 (Inhalation) > 1,5 mg/l/1h rat

**LAURETH-4**

LD50 (Oral) > 2000 mg/kg Rat

**CETRIMONIUM CHLORIDE**

LD50 (Oral) > 2000 mg/kg

LD50 (Dermal) > 1000 mg/kg

**LAURYL ALCOHOL**

**MOOD COLOR PROTECT CONDITIONER**

LD50 (Oral) > 2000 mg/kg rat

LD50 (Dermal) > 2000 mg/kg rabbit

LC50 (Inhalation) > 71 mg/l/1h rat

1,2-PROPANEDIOL

LD50 (Oral) 20800 mg/kg Rat

LD50 (Dermal) 20800 mg/kg Rat

ACETIC ACID

LD50 (Oral) 3310 mg/kg Rat

LD50 (Dermal) 1060 mg/kg Rabbit

LC50 (Inhalation) 11,4 mg/l/4h Rat

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction. Contains: COUMARIN

GERM CELL MUTAGENICITY

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

## MOOD COLOR PROTECT CONDITIONER

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

**SECTION 12. Ecological information**

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment.

**12.1. Toxicity**

## MYRISTYL ALCOHOL

|                                   |                            |
|-----------------------------------|----------------------------|
| LC50 - for Fish                   | > 1 mg/l/96h               |
| EC50 - for Crustacea              | 3,2 mg/l/48h Dafnie        |
| EC50 - for Algae / Aquatic Plants | > 10 mg/l/72h              |
| Chronic NOEC for Crustacea        | > 0,001 mg/l Daphnia magna |

## CETRIMONIUM CHLORIDE

|                                   |                |
|-----------------------------------|----------------|
| LC50 - for Fish                   | > 0,1 mg/l/96h |
| EC50 - for Crustacea              | > 0,1 mg/l/48h |
| EC50 - for Algae / Aquatic Plants | > 0,1 mg/l/72h |
| Chronic NOEC for Crustacea        | 0,015 mg/l     |

## LAURYL ALCOHOL

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| LC50 - for Fish                         | > 1 mg/l/96h Phimepales promelas   |
| EC50 - for Crustacea                    | > 0,1 mg/l/48h Daphnia magna       |
| Chronic NOEC for Algae / Aquatic Plants | 0,085 mg/l Desmodesmus subspicatus |

## 1,2-PROPANEDIOL

|                                         |                |
|-----------------------------------------|----------------|
| LC50 - for Fish                         | 40613 mg/l/96h |
| EC50 - for Crustacea                    | 18800 mg/l/48h |
| EC50 - for Algae / Aquatic Plants       | 19000 mg/l/72h |
| Chronic NOEC for Algae / Aquatic Plants | 13020 mg/l     |

## ETHYL ACETATE

|                            |                 |
|----------------------------|-----------------|
| EC50 - for Crustacea       | 5600 mg/l/48h   |
| Chronic NOEC for Crustacea | 24 mg/l Daphnie |

**12.2. Persistence and degradability**

## MYRISTYL ALCOHOL

Rapidly degradable

## LAURETH-4

## MOOD COLOR PROTECT CONDITIONER

Rapidly degradable

CETRIMONIUM CHLORIDE

Rapidly degradable

LAURYL ALCOHOL

Rapidly degradable

1,2-PROPANEDIOL

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

ACETIC ACID

Solubility in water > 10000 mg/l

Rapidly degradable

ETHYL ACETATE

Solubility in water > 10000 mg/l

Rapidly degradable

### 12.3. Bioaccumulative potential

1,2-PROPANEDIOL

Partition coefficient: n-octanol/water -1,07

BCF 0,09

ACETIC ACID

Partition coefficient: n-octanol/water -0,17

ETHYL ACETATE

Partition coefficient: n-octanol/water 0,68

BCF 30

### 12.4. Mobility in soil

1,2-PROPANEDIOL

Partition coefficient: soil/water 0,46

ACETIC ACID

Partition coefficient: soil/water 1,153

### 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 greater than 0,1%.

### 12.6. Other adverse effects

Information not available

## MOOD COLOR PROTECT CONDITIONER

**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**

ADR / RID, IMDG, 3082

IATA:

ADR / RID: In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity  $\leq$  5Kg or 5L, is not submitted to ADR provisions.

IMDG: In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity  $\leq$  5Kg or 5L, is not submitted to IMDG Code provisions.

IATA: In accordance with SP A197, this product, when is packed in receptacles of a capacity  $\leq$  5Kg or 5L, is not submitted to IATA dangerous goods regulations.

**14.2. UN proper shipping name**

ADR / RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CETRIMONIUM CHLORIDE; LAURYL ALCOHOL)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CETRIMONIUM CHLORIDE; LAURYL ALCOHOL)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CETRIMONIUM CHLORIDE; LAURYL ALCOHOL)

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## 14.3. Transport hazard class(es)

ADR / RID: Class: 9 Label: 9

IMDG: Class: 9 Label: 9

IATA: Class: 9 Label: 9



## 14.4. Packing group

ADR / RID, IMDG, IATA: III

## 14.5. Environmental hazards

ADR / RID: Environmentally Hazardous

IMDG: Marine Pollutant

IATA: Environmentally Hazardous



## 14.6. Special precautions for user

ADR / RID: HIN - Kemler: 90

Limited Quantities: 5 L

Tunnel restriction code: (-)

IMDG: Special Provision: -  
EMS: F-A, S-F

Limited Quantities: 5 L

IATA: Cargo:

Maximum quantity: 450 L

Packaging instructions: 964

Pass.:

Maximum quantity: 450 L

Packaging instructions: 964

Special Instructions:

A97, A158, A197

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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/EC: E2

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

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Substances in Candidate List (Art. 59 REACH)

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

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

**15.2. Chemical safety assessment**

A chemical safety assessment has been performed for the following contained substances

LAURYL ALCOHOL

MYRISTYL ALCOHOL

**SECTION 16. Other information**

Finished cosmetic products are excluded from EC Regulation 1907/2006 (REACH) as regards the safety data sheet requirements (art. 31 and 32) (2). Finished cosmetic products are completely excluded from the field of application of Regulation 1272/2008 (CLP) (3), as previously established by Directive 1999/45/EC on dangerous preparations (4), and as such are exempt from danger classification and labelling obligations and the provisions relating to safety data sheets [art. 1 (3) (c) of Regulation 1272/2008 and Directive 1999/45].

This Sheet is not to be regarded as a Safety Data Sheet but purely as a hygiene and safety information tool drafted to help employers fulfil the obligations of Leg. Decree 81/08. In fact, professional users are protected by Leg. Decree 81/08 as amended, which obliges employers to carry out a risk assessment for the health and safety of their workers (art. 28 Leg. Decree 81/08). This decree defines (heading IX, art. 222) as dangerous chemical agents not only the substances and mixtures that correspond to the classification criteria of the relevant laws, but also agents that may pose a risk to the health and safety of workers because of their chemical-physical, chemical or toxicological properties and the way in which they are used or present in the workplace, including chemical agents that have been assigned an occupational exposure limit value (art. 222 (1)(b)(3)). More specifically, Regulation 122/2009 defines the end user as a consumer or professional that uses the cosmetic product (1), making no distinction between these two figures.

1 (EC) Regulation no. 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products, article 2, paragraph 1, letter f.

2 (EC) Regulation no. 1907/2006 of the European Parliament and of the Council of 18 December 2006, concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

3 (EC) Regulation no. 1272/2008 of the European Parliament and of the Council of 16 December 2008 regarding the classification, labelling and packaging of substances and mixtures

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4 Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

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

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| <b>Flam. Liq. 2</b>      | Flammable liquid, category 2                                       |
| <b>Flam. Liq. 3</b>      | Flammable liquid, category 3                                       |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3                                         |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4                                         |
| <b>Skin Corr. 1A</b>     | Skin corrosion, category 1A                                        |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C                                        |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Eye Irrit. 2</b>      | Eye irritation, category 2                                         |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2                                        |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>Skin Sens. 1A</b>     | Skin sensitization, category 1A                                    |
| <b>Skin Sens. 1B</b>     | Skin sensitization, category 1B                                    |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>Aquatic Chronic 2</b> | Hazardous to the aquatic environment, chronic toxicity, category 2 |
| <b>H225</b>              | Highly flammable liquid and vapour.                                |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H301</b>              | Toxic if swallowed.                                                |
| <b>H311</b>              | Toxic in contact with skin.                                        |
| <b>H331</b>              | Toxic if inhaled.                                                  |
| <b>H302</b>              | Harmful if swallowed.                                              |
| <b>H314</b>              | Causes severe skin burns and eye damage.                           |
| <b>H318</b>              | Causes serious eye damage.                                         |
| <b>H319</b>              | Causes serious eye irritation.                                     |
| <b>H315</b>              | Causes skin irritation.                                            |
| <b>H317</b>              | May cause an allergic skin reaction.                               |
| <b>H336</b>              | May cause drowsiness or dizziness.                                 |
| <b>H400</b>              | Very toxic to aquatic life.                                        |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.              |
| <b>H411</b>              | Toxic to aquatic life with long lasting effects.                   |
| <b>EUH066</b>            | Repeated exposure may cause skin dryness or cracking.              |

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESI (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 labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation

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- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: 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: EC Regulation 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 STEL: Short-term exposure limit
- TWA: Time-weighted average 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) 790/2009 (I Atp. CLP) of the European Parliament
  4. Regulation (EU) 2015/830 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) 2018/1480 (XIII Atp. CLP)
  16. Regulation (EU) 2019/521 (XII 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.

Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12.

The data for evaluation of chemical-physical properties are reported in section 9.