

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1  
Revision date: 31/01/2017

Page 1 of 12  
Print date: 31/01/2017

### SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

#### 1.1 Product identifier.

Product Name: NAIL POLISH REMOVER NON-ACETONE AGRADO  
Product Code: BPTM 5861

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

Product to remove the nail polish.

**Uses advised against:** Uses other than those recommended.

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

Company: **AGRADO COSMETIC CARE 3000 S.L.U.**  
Address: Pol. Ind. Los Vientos - Parcela 34, C/Zéfir, s/n.  
City: 46119, Nàquera  
Province: Valencia  
Telephone: (+34) 96 139 92 41  
Fax: (+34) 96 139 92 46  
E-mail: info@agradocosmetic.com  
Web: www.agradocosmetic.com

**1.4 Emergency telephone number:** (+34) 96 139 92 41 (Only available during office hours; Monday-Friday; 08:00-18:00)

### SECTION 2: HAZARDS IDENTIFICATION.

#### 2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:  
Flam. Liq. 3 : Flammable liquid and vapour.  
STOT SE 3 : May cause drowsiness or dizziness.

#### 2.2 Label elements.

##### **Labelling in accordance with Regulation (EU) No 1272/2008:**

##### Pictograms:



Signal Word:  
**Danger**

H statements:  
H225 Highly flammable liquid and vapour.

P statements:  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Avoid contact with eyes.  
If swallowed, seek medical advice immediately and show this container or label.  
In case of contact with eyes, rinse immediately with plenty of water.  
Use only in well-ventilated areas.  
Do not ingest.

#### 2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1  
Revision date: 31/01/2017

Page 2 of 12  
Print date: 31/01/2017

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

#### 3.1 Substances.

Not Applicable.

#### 3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

| Identifiers  | Name               | Concentrate    | (*)Classification - Regulation (EC) No 1272/2008                      |                              |
|--|--------------------|----------------|---|------------------------------|
|  |                    |                | Classification  | specific concentration limit |
| Index No: 607-022-00-5<br>CAS No: 141-78-6<br>EC No: 205-500-4<br>Registration No: 01-2119475103-46-XXXX | [1] Ethyl acetate  | >= 25% < 50%   | Eye Irrit. 2,<br>H319 - Flam.<br>Liq. 2, H225 -<br>STOT SE 3,<br>H336 | -                            |
| Index No: 606-002-00-3<br>CAS No: 78-93-3<br>EC No: 201-159-0<br>Registration No: 01-2119457290-43-XXXX  | [1] MEK            | >=10% < 25%    | Eye Irrit. 2,<br>H319 - Flam.<br>Liq. 2, H225 -<br>STOT SE 3,<br>H336 | -                            |
| Index No: 603-002-00-5<br>CAS No: 64-17-5<br>EC No: 200-578-6<br>Registration No: 01-2119457610-43-XXXX  | [1] Alcohol denat. | >=10% < 25%    | Flam. Liq. 2,<br>H225   | -                            |
| CAS No: 56-81-5<br>EC No: 200-289-5<br>Registration No: 01-2119471987-18-XXXX                            | [1] Glycerol       | >= 0,1% < 1,0% | -   | -                            |

(\*)The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[1] Substance with a Community workplace exposure limit (see section 8.1).

### SECTION 4: FIRST AID MEASURES.

#### 4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

#### Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

#### Skin contact.

Cosmetic product. Dermal Irritation Test (OPEN TEST) classified the product as "Not Irritating". Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

#### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

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

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate. Can cause allergic reactions.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1

Revision date: 31/01/2017

Page 3 of 12

Print date: 31/01/2017

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

## SECTION 5: FIREFIGHTING MEASURES.

Flammable product, the necessary prevention measures should be taken in order to avoid risks, In case of fire, the following measures are recommended:

### 5.1 Extinguishing media.

#### Recommended extinguishing methods.

Extinguisher powder or CO<sub>2</sub>. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

### 5.2 Special hazards arising from the mixture.

#### Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

### 5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

#### Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

## SECTION 6: ACCIDENTAL RELEASE MEASURES.

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

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

### 6.2 Environmental precautions.

Prevent the contamination of drains, surface or subterranean waters, and the ground.

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

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

## SECTION 7: HANDLING AND STORAGE.

### 7.1 Precautions for safe handling.

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use anti-static footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1  
Revision date: 31/01/2017

Page 4 of 12  
Print date: 31/01/2017

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

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills. The product is not affected by Directive 2012/18/EU (SEVESO III).

### 7.3 Specific end use(s).

Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

### 8.1 Control parameters.

Work exposure limit for:

| Name           | CAS No.  | Country            | Limit value | ppm  | mg/m <sup>3</sup> |
|----------------|----------|--------------------|-------------|------|-------------------|
| Ethyl acetate  | 141-78-6 | United Kingdom [1] | Eight hours | 200  |                   |
|                |          |                    | Short term  | 400  |                   |
| MEK            | 78-93-3  | European Union [2] | Eight hours | 200  | 600               |
|                |          |                    | Short term  | 300  | 900               |
|                |          | United Kingdom [1] | Eight hours | 200  | 600               |
|                |          |                    | Short term  | 300  | 899               |
| Alcohol denat. | 64-17-5  | United Kingdom [1] | Eight hours | 1000 | 1920              |
|                |          |                    | Short term  |      |                   |
| Glycerol       | 56-81-5  | United Kingdom [1] | Eight hours |      | 10                |
|                |          |                    | Short term  |      |                   |

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

| Name  | DNEL/DMEL                 | Type                                    | Value                     |
|---|---------------------------|---|---------------------------|
| Ethyl acetate<br>N. CAS: 141-78-6<br>N. CE: 205-500-4 | DNEL (Workers)            | Inhalation, Long-term, Systemic effects | 734 (mg/m <sup>3</sup> )  |
|   | DNEL (Workers)            | Inhalation, Long-term, Local effects    | 734 (mg/m <sup>3</sup> )  |
|   | DNEL (General population) | Inhalation, Long-term, Local effects    | 367 (mg/m <sup>3</sup> )  |
|   | DNEL (Workers)            | Inhalation, Acute, Local effects        | 1468 (mg/m <sup>3</sup> ) |
|   | DNEL (General population) | Inhalation, Acute, Local effects        | 734 (mg/m <sup>3</sup> )  |
|   | DNEL (Workers)            | Dermal, Long-term, Systemic effects     | 63 (mg/kg bw/day)         |
| MEK<br>N. CAS: 78-93-3<br>N. CE: 201-159-0            | DNEL (General population) | Dermal, Long-term, Systemic effects     | 37 (mg/kg bw/day)         |
|   | DNEL (Workers)            | Inhalation, Long-term, Systemic effects | 600 (mg/m <sup>3</sup> )  |
|   | DNEL (General population) | Inhalation, Long-term, Systemic effects | 106 (mg/m <sup>3</sup> )  |
|   | DNEL (Workers)            | Dermal, Long-term, Systemic effects     | 1161 (mg/kg bw/day)       |
|   | DNEL (General population) | Dermal, Long-term, Systemic effects     | 412 (mg/kg bw/day)        |
|   | DNEL (General population) | Oral, Long-term, Systemic effects       | 31 (mg/kg bw/day)         |
| Alcohol denat.<br>N. CAS: 64-17-5<br>N. CE: 200-578-6 | DMEL (General population) | Inhalation, Long-term, Systemic effects | 106 (mg/m <sup>3</sup> )  |
|   | DMEL (General population) | Dermal, Long-term, Systemic effects     | 412 (mg/m <sup>3</sup> )  |
| Glycerol<br>N. CAS: 56-81-5<br>N. CE: 200-289-5       | DNEL (Workers)            | Inhalation, Long-term, Systemic effects | 950 (mg/m <sup>3</sup> )  |
|   | DNEL (Workers)            | Inhalation, Long-term, Local effects    | 56 (mg/m <sup>3</sup> )   |

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1  
Revision date: 31/01/2017

Page 5 of 12  
Print date: 31/01/2017

Concentration levels PNEC:




| Name  | Details                      | Value                      |
|---|------------------------------|----------------------------|
| Ethyl acetate<br>N. CAS: 141-78-6<br>N. CE: 205-500-4 | aqua (freshwater)            | 0,24 (mg/L)                |
|   | aqua (marine water)          | 0,024 (mg/L)               |
|   | aqua (intermittent releases) | 1,65 (mg/L)                |
|   | sediment (freshwater)        | 1,15 (mg/L)                |
|   | sediment (marine water)      | 0,115 (mg/L)               |
|   | Soil                         | 0,148 (mg/kg soil dw)      |
|   | PNEC STP                     | 650 (mg/L)                 |
|   | oral (Hazard for predators)  | 0,2 (g/kg food)            |
| MEK<br>N. CAS: 78-93-3<br>N. CE: 201-159-0            | aqua (freshwater)            | 55,8 (mg/L)                |
|   | aqua (marine water)          | 55,8 (mg/L)                |
|   | Soil                         | 22,5 (mg/kg soil dw)       |
|   | aqua (intermittent releases) | 55,8 (mg/L)                |
|   | PNEC STP                     | 709 (mg/L)                 |
|   | sediment (freshwater)        | 284,74 (mg/kg sediment dw) |
|   | sediment (marine water)      | 284,7 (mg/kg sediment dw)  |
|   | oral (Hazard for predators)  | 1000 (mg/kg food)          |
| Alcohol denat.<br>N. CAS: 64-17-5<br>N. CE: 200-578-6 | Fresh water                  | 0,96 (mg/L)                |
|   | Marine water                 | 0,79 (mg/L)                |
|   | Aqua (intermittent releases) | 2,75 (mg/L)                |
|   | Soil                         | 0,63 (mg/kg suelo dw)      |
|   | Sedimento (freshwater)       | 3,6 (mg/kg sedimento dw)   |

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

### 8.2 Exposure controls.

#### Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

|  |  |   |
|--|--|---|
| <b>Concentration:</b>  | <b>100 %</b>   |   |
| <b>Uses:</b>   |  |   |
| <b>Breathing protection:</b>   |  |   |
| If the recommended technical measures are observed, no individual protection equipment is necessary. |  |   |
| <b>Hand protection:</b>  |  |   |
| If the product is handled correctly, no individual protection equipment is necessary.                |  |   |
| <b>Eye protection:</b>   |  |   |
| PPE:   | Face shield.   |  |
| Characteristics:   | «CE» marking, category II. Face and eye protector against splashing liquid.  |   |
| CEN standards:   | EN 165, EN 166, EN 167, EN 168   |   |
| Maintenance:   | Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly.                               |   |
| Observations:  | Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.   |   |
| <b>Skin protection:</b>  |  |   |
| PPE:   | Anti-static protective clothing.   |  |
| Characteristics:   | «CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.   |   |
| CEN standards:   | EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5   |   |
| Maintenance:   | In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.  |   |
| Observations:  | The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use. |   |
| PPE:   | Anti-static safety footwear.   |  |
| Characteristics:   | «CE» marking, category II.   |   |
| CEN standards:   | EN ISO 13287, EN ISO 20344, EN ISO 20346   |   |

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1  
Revision date: 31/01/2017

Page 6 of 12  
Print date: 31/01/2017

|               |  |
|---------------|--|
| Maintenance:  | The footwear should be checked regularly   |
| Observations: | The level of comfort during use and acceptability are factors that are assessed very differently depending on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths. |

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

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

Appearance: Transparent liquid  
Colour: Light violet  
Odour: Characteristic MEK  
Odour threshold: N.A./N.A.  
pH: N.A./N.A.  
Melting point: N.A./N.A.  
Boiling Point: >35 °C  
Flash point: <23 °C  
Alcoholic degree (20°C): 61 ± 3  
Evaporation rate: N.A./N.A.  
Inflammability (solid, gas): Extremely flammable  
Lower Explosive Limit: N.A./N.A.  
Upper Explosive Limit: N.A./N.A.  
Vapour pressure: N.A./N.A.  
Vapour density: N.A./N.A.  
Relative density: 0,910 ± 0,010 g/cm<sup>3</sup>  
Solubility: N.A./N.A.  
Liposolubility: N.A./N.A.  
Hydrosolubility: N.A./N.A.  
Partition coefficient (n-octanol/water): N.A./N.A.  
Auto-ignition temperature: N.A./N.A.  
Decomposition temperature: N.A./N.A.  
Viscosity: N.A./N.A.  
Explosive properties: Not explosive  
Oxidizing properties: Not comburent

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

#### 9.2 Other information.

Pour point: N.A./N.A.  
Blink: N.A./N.A.  
Kinematic viscosity: N.A./N.A.  
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

### SECTION 10: STABILITY AND REACTIVITY.

#### 10.1 Reactivity.

If the storage conditions are satisfied, does not produce dangerous reactions.

#### 10.2 Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

#### 10.3 Possibility of hazardous reactions.

Flammable liquid and vapour.  
In certain conditions this may cause a polymerization reaction.

#### 10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1

Revision date: 31/01/2017

Page 7 of 12

Print date: 31/01/2017

- Static discharge.
- Contact with incompatible materials.
- Avoid temperatures near or above the flash point. Do not heat closed containers. Avoid direct sunlight and heat, as these may cause a risk of fire.

### 10.5 Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.
- Explosives materials.
- Toxic materials.
- Oxidizing materials.

### 10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT PREPARATION. Splatters in the eyes can cause irritation.

IRRITANT PREPARATION. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

### 11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

### Toxicological information about the substances present in the composition.

| Name  | Acute toxicity |      |        |  |
|---|----------------|------|--------|--|
|   | Type           | Test | Kind   | Value  |
| Ethyl acetate<br>CAS No: 141-78-6      EC No: 205-500-4 | Oral           | LD50 | Rat    | 5620 mg/kg [1]<br>[1] Yakkyoku. Pharmacy. Vol. 32, Pg. 1241, 1981  |
|   | Dermal         | LD50 | Rabbit | > 18000 mg/kg bw [1]<br>[1] Union Carbide Data Sheet. Vol. 10/4/1968   |
|   | Inhalation     |      |        |  |
| MEK<br>CAS No: 78-93-3      EC No: 201-159-0            | Oral           | LD50 | Rat    | 2740 mg/kg bw [1]<br>[1] Toxicology and Applied Pharmacology. Vol. 19, Pg. 699, 1971   |
|   | Dermal         | LD50 | Rabbit | >10 mL/kg bw [1]<br>[1] OECD Guideline 402 (Acute Dermal Toxicity), Range-Finding Toxicity Data: List VI, Smyth H, Carpenter C, Weil C, Pozzani U, & Striegel J, 1962. |
|   | Inhalation     |      |        |  |
| Alcohol denat.<br>CAS No: 64-17-5      EC No: 200-578-6 | Oral           | LD50 | Rat    | 10470 mg/kg  |
|   | Dermal         | LD50 | Rabbit | > 15800 mg/kg  |
|   | Inhalation     |      |        |  |
| Glycerol  | Oral           | LD50 | Rat    | 12600 mg/kg bw [1]   |

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1

Revision date: 31/01/2017

Page 8 of 12

Print date: 31/01/2017

|                                       |            |  |
|---------------------------------------|------------|--|
| CAS No: 56-81-5      EC No: 200-289-5 |            | [1] Federation Proceedings, Federation of American Societies for Experimental Biology (bethsheda, MD) USA V 4, page 142, 1945. (Via RTECS database).   |
|                                       | Dermal     | LD50      Rabbit      18700 mg/kg bw [1]<br><br>[1] Janssen P., de Rooy C., Evaluation of the toxicity and metabolism of glycerine, polyglycerines and polyglycerine esters, Solvay-Duphar (Weesp) (5) |
|                                       | Inhalation |  |

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Not conclusive data for classification.

c) serious eye damage/irritation;

Not conclusive data for classification.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Product classified:

Specific target organ toxicity following a single exposure, Category 3:

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

### SECTION 12: ECOLOGICAL INFORMATION.

#### 12.1 Toxicity.

| Name          | Ecotoxicity           |  |                                |                      |
|---------------|-----------------------|--|--------------------------------|----------------------|
|               | Type                  | Test   | Kind                           | Value                |
| Ethyl acetate | Fish                  | LC50   | Pimephales promelas            | 230 mg/l (96 h) [1]  |
|               |                       |  | [1] US EPA method E03-05, 1984 |                      |
|               | Aquatic invertebrates | EC50   | Daphnia magna                  | 590 mg/l (24 h) [1]  |
|               |                       | [1] In Aurand, K., Spaander, J. (eds.): Reinhaltung des Wassers, Erich Schmidt Verlag Berlin, 58 - 68, Kuehn, R., Canton, J.H., 1979 |                                |                      |
|               | Aquatic plants        | EC50   | Algae                          | 2500 mg/l (96 h) [1] |



# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1

Revision date: 31/01/2017

Page 9 of 12

Print date: 31/01/2017

|                  |                  |                  |  |   |
|------------------|------------------|------------------|--|---|
| CAS No: 141-78-6 | EC No: 205-500-4 |                  | [1] Slooff, W. 1982. A Comparative Study on the Short-Term Effects of 15 Chemicals on Fresh Water Organisms of Different Tropic Levels. Natl.Tech.Inf.Serv., Springfield, VA :25 p. (DUT) (ENG ABS) (NTIS/PB83-200386) |   |
| MEK              | CAS No: 78-93-3  | EC No: 201-159-0 | Fish   | LC50 Pimephales promelas 2993 mg/l (96 h) [1]<br>[1] Experimental result, 1998.   |
|                  |                  |                  | Aquatic invertebrates  | EC50 Daphnia magna 308 mg/l (48 h) [1]<br>[1] OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) reliability scoring based on 2002 guideline.   |
|                  |                  |                  | Aquatic plants   | EC50 Pseudokirchnerella subcapitata 1888 mg/l (48 h) [1]<br>[1] OECD Guideline 201 (Alga, Growth Inhibition Test) reliability based in 2006 guideline.  |
| Alcohol denat.   | CAS No: 64-17-5  | EC No: 200-578-6 | Fish   | LC50 Fish 11200 mg/l (96 h)   |
|                  |                  |                  | Aquatic invertebrates  | EC50 Daphnia magna 5012 mg/l (48 h) [1]<br>[1]  |
|                  |                  |                  | Aquatic plants   |   |
| Glycerol         | CAS No: 56-81-5  | EC No: 200-289-5 | Fish   | LC50 Carassius auratus 5000 mg/L (24 h) [1]<br>[1] Bridie A., Wolff C. & Winter M., The acute toxicity of some petrochemicals to goldfish, Water Res. 13: 623-626, 1979(90)   |
|                  |                  |                  | Aquatic invertebrates  | EC50 Daphnia magna 10000 mg/L (24 h) [1]<br>[1] Bringmann, G. & Kuehn, R., Z. Wasser Abwasser Forsch. 10(1977), 161-166 (72).   |
|                  |                  |                  | Aquatic plants   | EC3 Scenedesmus quadricauda 10000 mg/L (8 d) [1]<br>[1] Bringmann G. & Kuehn R., Grenzwerte der Schadwirkung wassergefährdender Stoffe gegen Blaualgen (Microcystis aeruginosa) und Grünalgen (Scenedesmus quadricauda) im Zellvermehrungshemmtest. Vom Wasser 50: 45-60, 1978 (75) |

### 12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

### 12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

| Name                              | Bioaccumulation |     |       |          |
|-----------------------------------|-----------------|-----|-------|----------|
|                                   | Log Pow         | BCF | NOECs | Level    |
| Ethyl acetate<br>N. CAS: 141-78-6 | 0,73            | -   | -     | Very low |
| MEK<br>N. CAS: 78-93-3            | 0,29            | -   | -     | Very low |
| Alcohol denat.<br>N. CAS: 64-17-5 | -0,3            | -   | -     | Very low |

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
COSMETIC

Version: 1  
Revision date: 31/01/2017

Page 10 of 12  
Print date: 31/01/2017

|                 |                  |       |   |   |          |
|-----------------|------------------|-------|---|---|----------|
| Glycerol        |                  |       |   |   |          |
| N. CAS: 56-81-5 | EC No: 200-289-5 | -1,76 | - | - | Very low |

### 12.4 Mobility in soil.

No information is available about the mobility in soil.  
The product must not be allowed to go into sewers or waterways.  
Prevent penetration into the ground.

### 12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

### 12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

## SECTION 13 DISPOSAL CONSIDERATIONS.

### 13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.  
Follow the provisions of Directive 2008/98/EC regarding waste management.

## SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

**Land:** Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

**Sea:** Transport by ship: IMDG.

Transport documentation: Bill of lading

**Air:** Transport by plane: ICAO/IATA.

Transport document: Airway bill.

### 14.1 UN number.

UN No: UN1266

### 14.2 UN proper shipping name.

Description:

ADR: UN 1266, PERFUMERY PRODUCTS, 3, PG II, (D/E)

IMDG: UN 1266, PERFUMERY PRODUCTS, 3, PG II (23°C)

ICAO: UN 1266, PERFUMERY PRODUCTS, 3, PG II

### 14.3 Transport hazard class(es).

Class(es): 3

### 14.4 Packing group.

Packing group: II

### 14.5 Environmental hazards.

Marine pollutant: No

### 14.6 Special precautions for user.

ADR LQ: 5 L

IMDG LQ: 5 L

ICAO LQ: 1 L

# SAFETY DATA SHEET

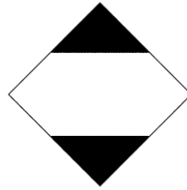
(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
C O S M E T I C

Version: 1  
Revision date: 31/01/2017

Page 11 of 12  
Print date: 31/01/2017



Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.  
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-E,S-D  
Proceed in accordance with point 6.

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

The product is not transported in bulk.

## SECTION 15: REGULATORY INFORMATION.

### 15.1 Safety, health and environmental regulations/legislation specific for the mixture.

The product is not affected by the Regulation (EC) N° 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

See annex I of the Directive 96/82/EC of 9 December 1996 on the control of major-accident hazards involving dangerous substances and the Regulation (EC) N° 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals and its subsequent updates.

The product is not affected by Regulation (CE) N° 648/2004 relative to detergents.

The product complies with the Regulation (CE) N° 1223/2009 relative to cosmetic products.

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) N° 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) N° 649/2012, concerning the export and import of dangerous chemicals.

### 15.2 Chemical safety assessment.

There has been no evaluation a chemical safety assessment of the product.

## SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

|      |                                     |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation.      |
| H336 | May cause drowsiness or dizziness.  |

Classification codes:

Eye Irrit. 2 : Eye irritation, Category 2  
Flam. Liq. 2 : Flammable liquid, Category 2  
Flam. Liq. 3 : Flammable liquid, Category 3  
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

|       |   |
|-------|---|
| ADR:  | European Agreement concerning the International Carriage of Dangerous Goods by Road.  |
| BCF:  | Bioconcentration factor.  |
| CEN:  | European Committee for Standardization.   |
| DMEL: | Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum. |
| DNEL: | Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.                  |
| EC50: | Half maximal effective concentration.   |
| PPE:  | Personal protection equipment.  |

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 5861-NAIL POLISH REMOVER NON-ACETONE AGRADO

**AGRADO**  
C O S M E T I C

Version: 1

Revision date: 31/01/2017

Page 12 of 12

Print date: 31/01/2017

IATA: International Air Transport Association.  
ICAO: International Civil Aviation Organization.  
IMDG: International Maritime Code for Dangerous Goods.  
LC50: Lethal concentration, 50%.  
LD50: Lethal dose, 50%.  
Log Pow: Logarithm of the partition octanol-water.  
NOEC: No observed effect concentration.  
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.  
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.