

Safety data sheet

SECTION 1. Identification of the substances/mixture and of the company/undertaking.

1.1. Product identifier.

Product name.

Delyton Advanced

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

Intended use.

Hair color cream

1.3. Details of the supplier of the safety data sheet

Name

G.V.F. – GIEVIEFFE S.P.A.

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e-mail address of the competent person

responsible for the Safety Data Sheet

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1.4. Emergency telephone number

For urgent inquiries refer to

In case of emergency contact toxicological information, emergency tel 112 (within Europe). For other countries, use the built-in emergency number in your cell phone. These telephone numbers are available 24 hours per day, 7 days per week.

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).

However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.

2.2. Label elements.

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

Hazard pictograms: --

Signal words: --

Hazard statements:

EUH210 Safety data sheet available on request.

Precautionary statements:

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

P303+P361+P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if it is easy to do. Continue rinsing.

P273 Avoid release to the environment.

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.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

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

Identification.	%	Classification 1272/2008 (CLP).
4-Amino-2-Hydroxytoluene CAS: 2835-95-2 EINECS: 220-618-6	$\geq 0 < 5$	Skin Sens 1 H317, . Skin Irri 2 H315, Eye Irrit.2 H319, STOT SE 3 H335.
2-Amino-4-Hydroxyethylaminoanisole Sulfate CAS: 83763-48-8 EINECS: 280-734-8	$\geq 0 < 5$	Acute Tox 4 H302.
Ethanolamine CAS: 141-43-5 EINECS: 205-483-3	$\geq 0 \leq 5$	Acute Tox 4 H302,H332,H312, Skin Corr 1B H314
PEG-2 Oleamine CAS: 25307-17-9 EINECS: 246-807-3	$> 1 \leq 5$	Acute Tox 4 H302, Skin Corr.1B H314, Aquatic acute 1 H400, Aquatic Chronic 1 H410
Cocamide DEA CAS: 68603-42-9 EINECS: 271-657-0	$> 1 \leq 5$	Skin Irr.2 H315, Eye Dam. 1 H318, Aquatic Chronic 2 H411
p-Aminophenol CAS: 123-30-8 EINECS: 204-616-2	$\geq 0 < 5$	Acute Tox 4 H302, Skin Sens. 1 H317, Aquatic acute 1 H400, Aquatic Chronic 1 H410.
p-Phenylenediamine CAS: 106-50-3 EINECS: 203-404-7	$\geq 0 < 5$	Acute Tox 3 H301-H311, Eye Irr. 2 H319, Skin Sens.1A H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, STOT SE 1 H370.
m-Aminophenol CAS: 591-27-5 EINECS: 209-711-2	$\geq 0 < 5$	Acute Tox 4 H302-H332,Aquatic Chronic 1 H411
Toluene-2,5-Diamine Sulfate CAS: 615-0-9 EINECS: 210-431-8	$\geq 0 < 5$	Acute Tox 3 H301, Acute Tox 4 H312-H332, Aquatic Chronic 1 H411, Skin Sens. 1 H317
2-Methylresorcinol CAS: 608-25-3 EINECS: 210-155-8	$\geq 0 < 5$	Acute Tox 3 H301, Eye Dam.1 H318, Aquatic Acute 1 H400, Skin Sens. 1 H317
4-Amino-m-Cresol CAS: 2835-99-6 EINECS: 220-621-2	$\geq 0 < 5$	Eye Irri.2 H318, Skin Sens 1A H317, Aquatic Chronic 1 H410, Skin Irrit.2 H315, Acute Tox 4 H302, STOT SE 3 H335.
5-Amino-6-Chloro-o-Cresol CAS: 84540-50-1 EINECS: 283-144-9	$\geq 0 < 5$	Eye Irri.2 H319, Skin Irr.2 H315, STOT SE 3 H335.
2,4-Diaminophenoxyethanol HCL CAS: 66422-95-5 EINECS: 266-357-1	$\geq 0 < 5$	Skin Irri.2 H315, STOT SE 3 H335, Eye Irr.2 H319
4-Chlororesorcinol CAS: 95-88-5 EINECS: 202-462-0	$\geq 0 < 5$	Acute Tox 4 H302, Skin Irr.2 H315,Skin Sens 1 H317, Eye Irri.2 H319, Aquatic Chronic 3 H412.
N-Phenyl-p-Phenylenediamine Sulfate CAS: 4698-29-7 EINECS: 225-173-1	$\geq 0 < 5$	Skin Irrit 2 H315, Eye Irr. 2 H319, STOT SE 3 H335, Acute Tox 3 H331-H301-H311, Acute Tox 2 H330.
2-Amino-3-Hydroxypyridine CAS: 168671-03-1 EINECS: 240-886-8	$\geq 0 < 5$	Acute Tox 4 H302, Eye Dam.2A H319, STOT SE 2 H373

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.

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

Specific information on symptoms and effects caused by the product are unknown.
For symptoms and effects caused by the contained substances, see chap. 11.

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**

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

UNSUITABLE EXTINGUISHING EQUIPMENT

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

5.2. Special hazards arising from the substance or mixture.**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

As a result of combustion and thermal decomposition, hazardous oxidation products can form, exposure to these products leads to health.

5.3. Advice for firefighters.

Standard equipment for fighters

GENERAL INFORMATION

Collect separately the extinguishing agent and disposed of according to applicable environmental legislation by authorized company; cool with water tanks or containers close to sources of heat or fire. Take into account the wind direction.

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. If the product is flammable, use explosion-proof equipment. 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.

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.**

If you use contact lenses, remove them before applying the hair color. Do not use if hair has been colored with compound hennas or metal salts based dyes. Remove all metal objects (clips, bands with metal fasteners, etc.) before coloring your hair. Do not use metal tools. Prepare and apply the product in a well-ventilated area. Use immediately after mixing. Never leave the mixture in a closed bottle: it may expand or burst. Do not keep any unused mixed product. Mix with peroxide Aquar&ly Developer only, strictly respecting the ratio and the volumes as indicated on instructions. Do not exceed with the suggested processing time. Thoroughly rinse your hair after the application. The product may temporary stain your skin and permanently your clothes. Remove any contaminated clothing quickly and, if possible rinse immediately any possible spills of product from garments. Avoid contact with eyes and skin. When applying, handling and rising the product, always wear protective gloves. Do not inhale vapors. Use away from heat and ignition. Do not smoke during use. Packs tightly after use

7.2. Conditions for safe storage, including any incompatibilities.

Always store in original container. Do not expose to heat, moisture or direct sunlight. Avoid freezing. Packs tightly after use. Keep away from flames free, heat, strong oxidizing agents, radiation and other initiators. Prevent contamination with other materials.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.**8.1. Control parameters.**

Information not available.

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

8.3. Environmental exposure controls

Ensure adequate ventilation. The product when used according to good practices of use and recommended doses, no specific threat to the environment.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	cream emulsion
Colour	from white to slightly hazelnut or from white to slightly pink, color's cream depends to the nuance
Odour	characteristic
Odour threshold.	10,7 +/- 0,5
pH.	
Melting point / freezing point.	
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Lower inflammability limit.	
Upper inflammability limit.	Not available.
Lower explosive limit.	
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	0,97 +/- 0,05
Relative density.	
Solubility	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	
Decomposition temperature.	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

If the product is exposed to the air tends to oxidize, darkening.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

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

10.2. Chemical stability.

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

10.3. Possibility of hazardous reactions.

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

10.4. Conditions to avoid.

Heat, direct sunlight, sparks, flames. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials.

Air, acids, bases, oxidants, metal tools

10.6. Hazardous decomposition products.

Burning may produce carbon oxides and vapors can be harmful to health.

SECTION 11. Toxicological information.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Hair dyes may cause serious allergic reactions in sensitive individuals.

Ingestion: May cause irritation to the mouth and digestive tract. It can be harmful if swallowed.

Eye Contact: contact with eyes may cause redness, burning, stinging, possible serious injury or blindness if left untreated

Skin contact: Prolonged and frequent cause irritation and redness. Pre-existing dermatitis can worsen after exposure at this type of product. The product can cause allergic skin reactions in some sensitive individuals.

Inhalation: May cause irritation to the upper respiratory tract

SECTION 12. Ecological information.

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Waste disposal must be in accordance with local rules

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number.

Not applicable.

14.2. UN proper shipping name.

Not applicable.

14.3. Transport hazard class(es).

Not applicable.

14.4. Packing group.

Not applicable.

14.5. Environmental hazards.

Not applicable.

14.6. Special precautions for user.

Not applicable.


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.

Standard Reference EU: European Cosmetic Regulation 1223/2009. Conforms to European norms

 **CAUTION: hair dyes may cause serious allergic reactions. Read and follow the instructions for use provided in the leaflet.** We suggest to perform a scalp sensibility test 48 hours before each color application. Do not dye hair in presence of rash on the face; if scalp is sensitive, irritated or damaged; if the scalp reacts after having dyed hair; if in the past there have been reactions after a black temporary tattoo with henna. Temporary black henna tattoos can increase the risk of allergy. When applying, handling and rinsing the product, always wear protective gloves. Avoid the contact with skin and eyes. In case of contact with eyes, immediately rinse product off. Do not use for dyeing the eyelashes or eyebrows, in this case the product may cause blindness. Do not use on persons younger than 16 years. Keep out of children reach. **Mixing ratio 1:2. FOR PROFESSIONAL USE ONLY. IT CONTAINS: phenylenediamines, phenylenediamines (toluenediamines).**

15.2. Chemical safety assessment.

No hazardous preparation (cosmetic products).

SECTION 16. Other information.

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

Acute Tox 4	Acute toxicity, Category 4
Acute Tox 3	Acute toxicity, Category 3
Acute Tox 2	Acute toxicity, Category 2

Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
Skin Sens 1	Skin sensitization, category 1
Skin Sens 1A	Skin sensitization, category 1A
Skin Irrit 2	Skin irritation, category 2
Eye Irrit 2	Eye irritation, category 2
Skin Corr 1B	Skin corrosion, category 1B
Eye Dam. 1	Serious eye damaged, category 1
STOT SE 3	Specific target organ toxicity, single exposure, category 3
STOT SE 1	Specific target organ toxicity, single exposure, category 1
STOT SE 2	Specific target organ toxicity, repeated exposure, category 2

H302 Harmful if swallowed
 H312 Harmful in contact with skin
 H314 Causes severe skin burns and eye damage H332 Harmful if inhaled
 H335 May cause respiratory irritation
 H412 Harmful to aquatic life with long lasting effects
 H400 Very toxic to aquatic life
 H410 Very toxic to aquatic life with long lasting effects
 H319 Causes serious eye irritation
 H317 May cause an allergic skin reaction
 H315 Causes skin irritation
 H370 Causes damage to organs
 H301 Toxic if ingested
 H311 Toxic for contact with the skin
 H318 Causes serious eye damage
 H330 Fatal if inhaled
 H411 Toxic to aquatic life with long lasting effects
 H373 Causes damage to organs through prolonged or repeated exposure

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 ESIS (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
- 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 (EU) 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
- 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
 - ECHA website

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.