

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code: REF 12006
Product name: Acrilgel

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

Intended use: Nail gel

1.3. Details of the supplier of the safety data sheet

Name: PASSIONE BEAUTY S.P.A.
Full address: Viale Crispi 89-93
District and Country: 36100 Vicenza (VI)
Italia
Tel.: +39 0444-239569
e-mail address of the competent person responsible for the Safety Data Sheet: quality@pucosmetica.it

1.4. Emergency telephone number

For urgent inquiries refer to: +39 0444-239569

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 2020/878.

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

Hazard classification and indication:

Skin sensitization, category 1 H317 May cause an allergic skin reaction.

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:

H317 May cause an allergic skin reaction.

Precautionary statements:

P280 Wear protective gloves.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Contains: Ethyl methacrylate

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SECTION 2. Hazards identification ... / >>

2.3. Other hazards

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

The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
Dimethicone INDEX EC CAS 9016-00-6	$9 \leq x < 10,5$	Aquatic Chronic 4 H413
Ethyl methacrylate INDEX EC 202-597-5 CAS 97-63-2	$2 \leq x < 2,5$	Flam. Liq. 2 H225, Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317
Butyl acetate INDEX EC 204-658-1 CAS 123-86-4	$2 \leq x < 2,5$	Flam. Liq. 3 H226, STOT SE 3 H336, EUH066
CI 77891 INDEX EC 236-675-5 CAS 13463-67-7	$0,809 \leq x < 0,909$	Carc. 2 H351

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

Symptoms resulting from intoxication may appear after exposure, therefore, in case of doubt, consult a doctor for direct exposure to the chemical product or persistent discomfort, showing the safety data sheet for this product.

By inhalation:

This product is not classified as dangerous if inhaled. However, in case of symptoms of intoxication it is recommended to remove the affected person from the exposure area, provide them with clean air and keep them at rest. Seek medical attention if symptoms persist.

By skin contact:

In case the skin is affected (burning, redness, rashes, blisters,...), consult a doctor with this safety data sheet.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, they will need to be removed unless they are stuck to the eye, in which case removal could cause further damage. In any case, after cleaning, consult a doctor as soon as possible with the product safety data sheet.

By ingestion/aspiration:

Do not induce vomiting, but if it occurs, keep your head down to avoid aspiration. Keep the affected person at rest. Rinse mouth and throat as they may have been damaged by ingestion.

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

Acute and delayed effects are indicated in paragraphs 2 and 11.

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

Not applicable.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

The product is not flammable under normal conditions of storage, handling and use, but contains flammable substances. In case of inflammation due to handling, storage or improper use, preferably use multipurpose powder extinguishers (ABC powder), according to the

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SECTION 5. Firefighting measures ... / >>

Regulation on fire protection systems.
Unsuitable extinguishing media:
WE RECOMMEND NOT using full jets of water as an extinguishing agent.

5.2. Special hazards arising from the substance or mixture

Following combustion or thermal decomposition, reactive by-products are created which can become highly toxic and, as a result, may present a serious health risk.

5.3. Advice for firefighters

Depending on the extent of the fire, the use of full protective clothing and self-contained breathing apparatus (SCBA) may be necessary. Minimum emergency facilities and equipment (fire blankets, portable first aid kit,...) should be available in accordance with Directive 89/654/EC.
Additional provisions: Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to be taken following an accident or other emergency. Eliminate all sources of ignition. In the event of fire, cool containers and storage tanks for products subject to combustion, explosion or BLEVE due to high temperatures. Avoid spillage of products used to extinguish the fire into an aqueous medium.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:
Isolate leaks provided there is no additional risk to people carrying out this activity. Evacuate the area and keep unprotected people away. Personal protective equipment must be used against potential contact with spilled product (see section 8).
Above all, avoid the formation of flammable vapour-air mixtures, either by ventilation or by using an inert medium.
Remove any ignition source. Eliminate static electricity by interconnecting all conductive surfaces on which static electricity could form and also ensuring that all surfaces are earthed.
For rescuers:
Wear protective equipment. Keep unprotected people away. See section 8.

6.2. Environmental precautions

It is recommended to avoid dispersing both the product and its container into the environment.

6.3. Methods and material for containment and cleaning up

It is recommended:
Absorb spill using sand or inert absorbent and move to a safe location. Do not absorb with sawdust or other combustible absorbents. For any doubts related to disposal, consult section 13.

6.4. Reference to other sections

See sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

A.- General precautions for safe use
Comply with current regulations regarding the prevention of industrial risks regarding the manual handling of weights.
Keep tidy, clean and dispose of using safe methods (section 6).
B.- Technical recommendations for the prevention of fires and explosions
Avoid evaporation of the product as it contains flammable substances, which in the presence of ignition sources could form flammable vapour/air mixtures. Check sources of ignition (mobile phones, sparks,...) and transfer at reduced speed to avoid the creation of electrostatic charges. See section 10 for conditions and materials that should be avoided.
C.- Technical recommendations on general workplace hygiene
Do not eat or drink during processing, then wash your hands with suitable detergents.
D.- Technical recommendations to prevent environmental risks
It is recommended to keep absorbent material available in the immediate vicinity of the product (see subsection 6.3)

7.2. Conditions for safe storage, including any incompatibilities

A.- Technical measures for storage
Minimum temp.: 5 °C
Maximum temp.: 25 °C
Maximum duration: 36 months
B.- General storage conditions

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SECTION 7. Handling and storage ... / >>

Avoid heat sources, radiation, static electricity and contact with food. For further information see subsection 10.5

7.3. Specific end use(s)

Except for the instructions already specified it is not necessary to give any particular recommendation regarding the use of this product.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

EU OEL EU Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; 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 98/24/EC; Directive 91/322/EEC.

Butyl acetate

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
OEL	EU	241	50	723	150	

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

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.

The following should be considered when choosing work glove material (see standard EN 374): 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 ISO 16321).

RESPIRATORY PROTECTION

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. 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).

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.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	various	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	121 °C	
Flammability	not available	
Lower explosive limit	not available	

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SECTION 9. Physical and chemical properties ... / >>

Upper explosive limit	not available	
Flash point	> 60 °C	
Auto-ignition temperature	400 °C	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	not available	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	7821,52Pa	Temperature: 50 °C
Density and/or relative density	1,103	Temperature: 20 °C
Relative vapour density	not available	
Particle characteristics	not applicable	

Vapor pressure at 20°C: 1715 Pa

Density at 20°C: 1102.8 kg/m³

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

No dangerous reactions are expected because the product is stable under recommended storage conditions. See section 7 of the safety data sheet.

10.2. Chemical stability

Chemically stable under indicated storage, handling and use conditions.

10.3. Possibility of hazardous reactions

Under the specified conditions, dangerous reactions leading to excessive temperatures or pressures are not expected.

10.4. Conditions to avoid

Applicable for handling and storage at room temperature: precaution in case of increased temperature and sunlight.

10.5. Incompatible materials

Avoid strong acids, avoid direct impact with oxidizing materials, avoid alkalis or strong bases.

10.6. Hazardous decomposition products

See subsection 10.3, 10.4 and 10.5 for specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

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.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

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SECTION 11. Toxicological information ... / >>

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

ATE (Inhalation) of the mixture:

Not classified (no significant component)

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

Butyl acetate

LD50 (Dermal):

14112 mg/kg rabbit

LD50 (Oral):

12789 mg/kg rat

LC50 (Inhalation gas):

23,4 mg/l 4 h rar

CI 77891

LD50 (Dermal):

10000 mg/kg rabbit

LD50 (Oral):

10000 mg/kg RAT

Ethyl methacrylate

LD50 (Dermal):

9100 mg/kg rat

LD50 (Oral):

13424 mg/kg rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

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

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

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SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Butyl acetate	
EC50 - for Algae / Aquatic Plants	675 mg/l/72h Scenedesmus subspicatus, Algae
Chronic NOEC for Crustacea	23,2 mg/l Daphnia magna, Crustacean

Ethyl methacrylate	
LC50 - for Fish	833 mg/l/96h fish
EC50 - for Crustacea	210 mg/l/48h Crustacean
Chronic NOEC for Fish	9,4 mg/l Danio rerio
Chronic NOEC for Crustacea	18 mg/l daphnia magna

12.2. Persistence and degradability

Butyl acetate
Biodegradability: period: 5 days, % biodegradable: 84%

Ethyl methacrylate
Biodegradability: period: 21 days, % biodegradable: 79%

12.3. Bioaccumulative potential

Butyl acetate	
Partition coefficient: n-octanol/water	1,78 potential: low
BCF	4 potential: low

Ethyl methacrylate	
Partition coefficient: n-octanol/water	1,77 potential: low
BCF	4 potential: low

12.4. Mobility in soil

Butyl acetate
Surface tension: 2.478E-2 N/m (25 °C)

Ethyl methacrylate
Surface tension: 2.441E-2 N/m (25 °C)

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 \geq than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

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.

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 or ID 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. Maritime transport in bulk according to IMO instruments

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/EU: None

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

Product

Point 3 - 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

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

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 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.

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SECTION 15. Regulatory information ... / >>

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

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

Flam. Liq. 2	Flammable liquid, category 2
Flam. Liq. 3	Flammable liquid, category 3
Carc. 2	Carcinogenicity, category 2
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1	Skin sensitization, category 1
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic toxicity, category 4
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H351	Suspected of causing cancer.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 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: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 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: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- 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) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) 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

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SECTION 16. Other information ... / >>

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) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707

- 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.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.