

PASSIONE BEAUTY S.P.A.

REF 12008 - ACRYLIC LIQUID

Revision nr.1
Dated 23/09/2024
First compilation
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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 12008
Product name: ACRYLIC LIQUID

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 1B 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 trimethylbenzoylphenylphosphinate

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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)
Hydroxypropyl methacrylate		
INDEX	$23,5 \leq x < 25$	Acute Tox. 4 H302
EC 248-666-3		LD50 Oral: 500 mg/kg
CAS 27813-02-1		
Dimethicone		
INDEX	$9 \leq x < 10,5$	Aquatic Chronic 4 H413
EC		
CAS 9016-00-6		
Ethyl trimethylbenzoylphenylphosphinate		
INDEX	$2 \leq x < 2,5$	Expl. 1.4 H204, Skin Sens. 1B H317, Aquatic Chronic 2 H411
EC 282-810-6		
CAS 84434-11-7		

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:

This product does not contain substances classified as dangerous for contact with eyes. Rinse eyes thoroughly for at least 15 minutes with warm water, making sure the affected person does not rub or close their eyes.

By ingestion/aspiration:

Seek medical assistance immediately, showing the product SDS. Do not induce vomiting, but if vomiting occurs, keep head down to avoid aspiration. If you lose consciousness, do not give anything by mouth unless under the supervision of a doctor.

Rinse mouth and throat, which may have been affected by ingestion. Keep the affected person at rest.

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. In case of combustion due to handling, storage or improper use, preferably use multi-purpose powder extinguishers (ABC powder), in accordance with the fire prevention systems regulation.

Unsuitable extinguishing media:

Not applicable

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SECTION 5. Firefighting measures ... / >>

5.2. Special hazards arising from the substance or mixture

A seguito della combustione o della decomposizione termica si creano sottoprodotti reattivi che possono diventare altamente tossici e, di conseguenza, possono presentare un grave rischio per la salute.

5.3. Advice for firefighters

A seconda dell'entità dell'incendio potrebbe essere necessario l'uso di indumenti protettivi completi e di un autorespiratore (SCBA). Dovrebbero essere disponibili strutture e attrezzature minime di emergenza (coperte antincendio, kit di pronto soccorso portatile,...) in conformità alla direttiva 89/654/CE.

Disposizioni aggiuntive: Agire in conformità al Piano di Emergenza Interno e ai Fogli Informativi sulle azioni da intraprendere a seguito di un incidente o di altre emergenze. Eliminare tutte le fonti di ignizione. In caso di incendio raffreddare i contenitori e le cisterne di stoccaggio dei prodotti soggetti a combustione, esplosione o BLEVE a causa delle alte temperature. Evitare la fuoriuscita dei prodotti utilizzati per estinguere l'incendio in un mezzo acquoso.

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. Personal protective equipment must be against potential contact with spilled product (see section 8). Evacuate the area and keep out people who don't have protection.

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

The product is not flammable under normal conditions of storage, handling and use. It is recommended to transfer at low speed to avoid the generation of electrostatic charges which can affect flammable products. See section 10 for information on conditions and materials to avoid.

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

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.

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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.

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	not available	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 60 °C	
Auto-ignition temperature	423 °C	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	not available	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	300 kPa	Temperature: 50 °C
Density and/or relative density	1107500 g/cm3	Temperature: 20 °C
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

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

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

Not applicable

10.5. Incompatible materials

Avoid strong acids, 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

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:

>2000 mg/kg

ATE (Dermal) of the mixture:

Not classified (no significant component)

Hydroxypropyl methacrylate

LD50 (Oral):

500 mg/kg

Ethyl trimethylbenzoylphenylphosphinate

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LD50 (Oral): > 5000 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.

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

Ethyl trimethylbenzoylphenylphosphinate

LC50 - for Fish

1,89 mg/l/96h Danio rerio - Fish

EC50 - for Crustacea

2,26 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants

1,01 mg/l/72h Desmodesmus subspicatus

12.2. Persistence and degradability

Ethyl trimethylbenzoylphenylphosphinate

Biodegradability:

- Concentration: 100 mg/l

- Period: 28 days

- % Biodegradable: 5%

12.3. Bioaccumulative potential

Information not available

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SECTION 12. Ecological information ... / >>

12.4. Mobility in soil

Ethyl trimethylbenzoylphenylphosphinate
Absorption/desorption:
- Koc: 2344.2
- Conclusion: low

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

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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

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.

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:

Expl. 1.4	Explosive, division 1.4
Acute Tox. 4	Acute toxicity, category 4
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic toxicity, category 4
H204	Fire or projection hazard.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

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

SECTION 16. Other information ... / >>

- 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
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.