



**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier:** Acryl Liquid Geur Verminderaar
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Cosmetics  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
GLAMOUR NAGELPRODUCTEN  
Parijsboulevard 255  
6135 LJ Sittard - Netherlands  
Phone.: 0031462041501 - Fax: 0031462041502  
shop@glamournagelproducten.nl  
www.glamournagelproducten.nl
- 1.4 Emergency telephone number:** 1-352-323-3500

**SECTION 2: HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Acute Tox. 4: Acute toxicity if swallowed, Category 4, H302  
Eye Irrit. 2: Eye irritation, Category 2, H319  
Flam. Liq. 3: Flammable liquids, Category 3, H226  
Skin Sens. 1: Sensitisation, skin, Category 1, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Warning**  
  
**Hazard statements:**  
Acute Tox. 4: H302 - Harmful if swallowed  
Eye Irrit. 2: H319 - Causes serious eye irritation  
Flam. Liq. 3: H226 - Flammable liquid and vapour  
Skin Sens. 1: H317 - May cause an allergic skin reaction  
**Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand  
P102: Keep out of reach of children  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P264: Wash thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P370+P378: In case of fire: Use ABC powder extinguisher to extinguish  
P501: Dispose of contents/container according to the separated collection system used in your municipality  
**Supplementary information:**  
EUH066: Repeated exposure may cause skin dryness or cracking  
**Substances that contribute to the classification**  
benzaldehyde; A-methylcinnamaldehyde; P-tolualdehyde; 3-methyl-5-phenylpentanol
- 2.3 Other hazards:**  
Product fails to meet PBT/vPvB criteria

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

- 3.1 Substance:**

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)**

Non-applicable

**3.2 Mixture:**

**Chemical description:** Mixture of substances

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 100-52-7 EC: 202-860-4 Index: 605-012-00-5 REACH: 01-2119455540-44-XXXX	<b>benzaldehyde<sup>(1)</sup></b> ATP CLP00	25 - <50 %
	Regulation 1272/2008 Acute Tox. 4: H302 - Warning	
CAS: 105-54-4 EC: 203-306-4 Index: Non-applicable REACH: 01-2120118576-54-XXXX	<b>Ethyl butyrate<sup>(1)</sup></b> Self-classified	10 - <25 %
	Regulation 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 3: H226 - Warning	
CAS: 123-92-2 EC: 204-662-3 Index: 607-130-00-2 REACH: 01-2119548408-32-XXXX	<b>Isopentyl acetate<sup>(2)</sup></b> ATP CLP00	10 - <25 %
	Regulation 1272/2008 Flam. Liq. 3: H226; EUH066 - Warning	
CAS: 101-39-3 EC: 202-938-8 Index: Non-applicable REACH: 01-2119538797-21-XXXX	<b>A-methylcinnamaldehyde<sup>(1)</sup></b> Self-classified	10 - <25 %
	Regulation 1272/2008 Skin Sens. 1: H317 - Warning	
CAS: 104-87-0 EC: 203-246-9 Index: Non-applicable REACH: 01-2120755000-72-XXXX	<b>P-tolualdehyde<sup>(1)</sup></b> Self-classified	10 - <25 %
	Regulation 1272/2008 Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning	
CAS: 105-53-3 EC: 203-305-9 Index: Non-applicable REACH: 01-2119886972-18-XXXX	<b>Diethyl malonate<sup>(1)</sup></b> Self-classified	1 - <2,5 %
	Regulation 1272/2008 Eye Irrit. 2: H319 - Warning	
CAS: 55066-48-3 EC: 259-461-3 Index: Non-applicable REACH: 01-2119969446-23-XXXX	<b>3-methyl-5-phenylpentanol<sup>(1)</sup></b> Self-classified	1 - <2,5 %
	Regulation 1272/2008 Acute Tox. 4: H302; STOT RE 2: H373 - Warning	
CAS: 122-00-9 EC: 204-514-8 Index: Non-applicable REACH: 01-2119972326-32-XXXX	<b>4'-methylacetophenone<sup>(1)</sup></b> Self-classified	1 - <2,5 %
	Regulation 1272/2008 Acute Tox. 4: H302; Skin Irrit. 2: H315 - Warning	
CAS: 111-27-3 EC: 203-852-3 Index: 603-059-00-6 REACH: 01-2119487967-12-XXXX	<b>Hexan-1-ol<sup>(1)</sup></b> ATP CLP00	1 - <2,5 %
	Regulation 1272/2008 Acute Tox. 4: H302 - Warning	
CAS: 108-64-5 EC: 203-602-3 Index: Non-applicable REACH: 01-2120753301-66-XXXX	<b>Ethyl isovalerate<sup>(1)</sup></b> Self-classified	1 - <2,5 %
	Regulation 1272/2008 Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

<sup>(2)</sup> Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

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#### SECTION 4: FIRST AID MEASURES (continued)

##### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

##### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

##### By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

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

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

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

Non-applicable

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>). IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

##### 5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

##### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

##### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

##### 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

##### 6.4 Reference to other sections:

See sections 8 and 13.

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**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:**

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to 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.: 30 °C
- Maximum time: 6 Months

B.- General conditions for storage

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

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Identification	Occupational exposure limits		
	Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	IOELV (8h)	50 ppm
	IOELV (STEL)	100 ppm	540 mg/m <sup>3</sup>

**DNEL (Workers):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
benzaldehyde CAS: 100-52-7 EC: 202-860-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,14 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	9,8 mg/m <sup>3</sup>	9,8 mg/m <sup>3</sup>
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,33 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	49,3 mg/m <sup>3</sup>	Non-applicable
A-methylcinnamaldehyde CAS: 101-39-3 EC: 202-938-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,21 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	13,3 mg/m <sup>3</sup>	13,3 mg/m <sup>3</sup>
Diethyl malonate CAS: 105-53-3 EC: 203-305-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,213 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	8,468 mg/m <sup>3</sup>	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
3-methyl-5-phenylpentanol CAS: 55066-48-3 EC: 259-461-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	3 mg/kg	Non-applicable	0,5 mg/kg	Non-applicable
	Inhalation	5,3 mg/m <sup>3</sup>	Non-applicable	0,88 mg/m <sup>3</sup>	Non-applicable
4'-methylacetophenone CAS: 122-00-9 EC: 204-514-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	5,78 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	20,36 mg/m <sup>3</sup>	Non-applicable
Hexan-1-ol CAS: 111-27-3 EC: 203-852-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	28 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	99 mg/m <sup>3</sup>	210 mg/m <sup>3</sup>

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
benzaldehyde CAS: 100-52-7 EC: 202-860-4	Oral	Non-applicable	Non-applicable	0,67 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,67 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	4,9 mg/m <sup>3</sup>	4,9 mg/m <sup>3</sup>
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Oral	Non-applicable	Non-applicable	0,833 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,833 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	7,4 mg/m <sup>3</sup>	Non-applicable
A-methylcinnamaldehyde CAS: 101-39-3 EC: 202-938-8	Oral	Non-applicable	Non-applicable	1,1 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,11 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	3,27 mg/m <sup>3</sup>	3,27 mg/m <sup>3</sup>
Diethyl malonate CAS: 105-53-3 EC: 203-305-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,607 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,106 mg/m <sup>3</sup>	Non-applicable
3-methyl-5-phenylpentanol CAS: 55066-48-3 EC: 259-461-3	Oral	0,375 mg/kg	Non-applicable	0,06 mg/kg	Non-applicable
	Dermal	1,5 mg/kg	Non-applicable	0,25 mg/kg	Non-applicable
	Inhalation	1,3 mg/m <sup>3</sup>	Non-applicable	0,21 mg/m <sup>3</sup>	Non-applicable
4'-methylacetophenone CAS: 122-00-9 EC: 204-514-8	Oral	Non-applicable	Non-applicable	2,89 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,89 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	5,03 mg/m <sup>3</sup>	Non-applicable
Hexan-1-ol CAS: 111-27-3 EC: 203-852-3	Oral	Non-applicable	Non-applicable	14 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	14 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	24,5 mg/m <sup>3</sup>	Non-applicable

PNEC:

Identification					
benzaldehyde CAS: 100-52-7 EC: 202-860-4	STP	7,59 mg/L	Fresh water	0 mg/L	
	Soil	0,001 mg/kg	Marine water	0 mg/L	
	Intermittent	0,011 mg/L	Sediment (Fresh water)	0,004 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	0 mg/kg	
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	STP	23,6 mg/L	Fresh water	0,0297 mg/L	
	Soil	0,0171 mg/kg	Marine water	0,00297 mg/L	
	Intermittent	1 mg/L	Sediment (Fresh water)	0,173 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	0,0173 mg/kg	
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	STP	30 mg/L	Fresh water	0,011 mg/L	
	Soil	0,06 mg/kg	Marine water	0,001 mg/L	
	Intermittent	0,11 mg/L	Sediment (Fresh water)	0,335 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	0,034 mg/kg	
A-methylcinnamaldehyde CAS: 101-39-3 EC: 202-938-8	STP	3,66 mg/L	Fresh water	0,001 mg/L	
	Soil	0,007 mg/kg	Marine water	0 mg/L	
	Intermittent	0,012 mg/L	Sediment (Fresh water)	0,04 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	0,004 mg/kg	

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

Identification				
Diethyl malonate CAS: 105-53-3 EC: 203-305-9	STP	0,108 mg/L	Fresh water	0,0118 mg/L
	Soil	0,00857 mg/kg	Marine water	0,00118 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	4,62 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,924 mg/kg
3-methyl-5-phenylpentanol CAS: 55066-48-3 EC: 259-461-3	STP	10 mg/L	Fresh water	0,013 mg/L
	Soil	0,199 mg/kg	Marine water	0,001 mg/L
	Intermittent	0,13 mg/L	Sediment (Fresh water)	1,034 mg/kg
	Oral	0,01 g/kg	Sediment (Marine water)	0,103 mg/kg
4'-methylacetophenone CAS: 122-00-9 EC: 204-514-8	STP	10 mg/L	Fresh water	0,031 mg/L
	Soil	0,025 mg/kg	Marine water	0,003 mg/L
	Intermittent	0,31 mg/L	Sediment (Fresh water)	0,214 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,021 mg/kg
Hexan-1-ol CAS: 111-27-3 EC: 203-852-3	STP	Non-applicable	Fresh water	0,26 mg/L
	Soil	0,12 mg/kg	Marine water	0,026 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	1,4 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,14 mg/kg



**8.2 Exposure controls:**

**A.- General security and hygiene measures in the work place**

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.



**B.- Respiratory protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory respiratory tract protection	Filter mask for gases and vapours		EN 405:2001+A1:2009	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.





**C.- Specific protection for the hands**

Non-applicable

**D.- Ocular and facial protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Face shield		EN 166:2001 EN 167:2001 EN 168:2001 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

**E.- Body protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties		EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties		EN ISO 13287:2012 EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.



**F.- Additional emergency measures**

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**Acryl Liquid Geur Verminderaar**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	78 % weight
V.O.C. density at 20 °C:	759,79 kg/m <sup>3</sup> (759,79 g/L)
Average carbon number:	6,73
Average molecular weight:	113,34 g/mol

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

Physical state at 20 °C:	Liquid
Appearance:	Not available
Colour:	Not available
Odour:	Not available
Odour threshold:	Non-applicable *

**Volatility:**

Boiling point at atmospheric pressure:	165 °C
Vapour pressure at 20 °C:	375 Pa
Vapour pressure at 50 °C:	2180,25 Pa (2,18 kPa)
Evaporation rate at 20 °C:	Non-applicable *

**Product description:**

Density at 20 °C:	974,1 kg/m <sup>3</sup>
Relative density at 20 °C:	0,974
Dynamic viscosity at 20 °C:	1,24 cP
Kinematic viscosity at 20 °C:	1,27 cSt
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

**Flammability:**

Flash Point:	29 °C
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	192 °C
Lower flammability limit:	Not available
Upper flammability limit:	Not available

**Explosive:**

Lower explosive limit:	Non-applicable *
Upper explosive limit:	Non-applicable *

**9.2 Other information:**

Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

**10.2 Chemical stability:**

Chemically stable under the conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

**10.5 Incompatible materials:**

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

B- Inhalation (acute effect):

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**Acryl Liquid Geur Verminderaar**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for skin contact. For more information see section 3.
  - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.  
IARC: Non-applicable
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
  - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) - single exposure:
 

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.
  - Skin: Repeated exposure may cause skin dryness or cracking
- H- Aspiration hazard:
 

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
P-tolualdehyde CAS: 104-87-0 EC: 203-246-9	1600 mg/kg	2500 mg/kg	Rat
		Non-applicable	
3-methyl-5-phenylpentanol CAS: 55066-48-3 EC: 259-461-3	1850 mg/kg	3100 mg/kg	Rat
		Non-applicable	
benzaldehyde CAS: 100-52-7 EC: 202-860-4	1100 mg/kg	Non-applicable	Rat
		Non-applicable	
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	7400 mg/kg	Non-applicable	Rat
		Non-applicable	
A-methylcinnamaldehyde CAS: 101-39-3 EC: 202-938-8	2050 mg/kg	Non-applicable	Rat
		Non-applicable	
4'-methylacetophenone CAS: 122-00-9 EC: 204-514-8	1400 mg/kg	Non-applicable	Rat
		Non-applicable	

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**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

Identification	Acute toxicity		Genus
	LD50 oral	720 mg/kg	
Hexan-1-ol	LD50 dermal	Non-applicable	Rat
CAS: 111-27-3	LC50 inhalation	Non-applicable	
EC: 203-852-3			

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Toxicity:**

Identification	Acute toxicity		Species	Genus
	LC50	13.8 mg/L (96 h)		
benzaldehyde	EC50	50 mg/L (24 h)	Carassius auratus	Fish
CAS: 100-52-7	EC50	Non-applicable	Daphnia magna	Crustacean
EC: 202-860-4				
Ethyl butyrate	LC50	100 mg/L (96 h)	Danio rerio	Fish
CAS: 105-54-4	EC50	116.6 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-306-4	EC50	100 mg/L (72 h)	Desmodesmus subspicatus	Algae
Isopentyl acetate	LC50	Non-applicable		
CAS: 123-92-2	EC50	42 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-662-3	EC50	Non-applicable		
Diethyl malonate	LC50	10.8 mg/L (96 h)	Pimephales promelas	Fish
CAS: 105-53-3	EC50	Non-applicable		
EC: 203-305-9	EC50	Non-applicable		
4'-methylacetophenone	LC50	71 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 122-00-9	EC50	31 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-514-8	EC50	36 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Hexan-1-ol	LC50	97.5 mg/L (96 h)	Pimephales promelas	Fish
CAS: 111-27-3	EC50	240 mg/L (24 h)	Daphnia magna	Crustacean
EC: 203-852-3	EC50	Non-applicable		

**12.2 Persistence and degradability:**

Identification	Degradability		Biodegradability	
	BOD5	1.62 g O2/g	Concentration	100 mg/L
benzaldehyde	COD	1.98 g O2/g	Period	14 days
CAS: 100-52-7	BOD5/COD	0.82	% Biodegradable	66 %
EC: 202-860-4				
Ethyl butyrate	BOD5	Non-applicable	Concentration	4 mg/L
CAS: 105-54-4	COD	Non-applicable	Period	28 days
EC: 203-306-4	BOD5/COD	Non-applicable	% Biodegradable	76,5 %
Diethyl malonate	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 105-53-3	COD	Non-applicable	Period	14 days
EC: 203-305-9	BOD5/COD	Non-applicable	% Biodegradable	86 %
4'-methylacetophenone	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 122-00-9	COD	Non-applicable	Period	14 days
EC: 204-514-8	BOD5/COD	Non-applicable	% Biodegradable	77 %

**12.3 Bioaccumulative potential:**

Identification	Bioaccumulation potential	
	BCF	3
benzaldehyde	Pow Log	1.48
CAS: 100-52-7	Potential	Low
EC: 202-860-4		
Ethyl butyrate	BCF	8
CAS: 105-54-4	Pow Log	1.35
EC: 203-306-4	Potential	Low
Isopentyl acetate	BCF	10
CAS: 123-92-2	Pow Log	
EC: 204-662-3	Potential	Low

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**SECTION 12: ECOLOGICAL INFORMATION (continued)**

Identification	Bioaccumulation potential	
	BCF	Pow Log
4'-methylacetophenone CAS: 122-00-9 EC: 204-514-8		2.1
Hexan-1-ol CAS: 111-27-3 EC: 203-852-3	21	2.03
	Potential	Low

**12.4 Mobility in soil:**

Identification	Absorption/desorption		Volatility	
	Koc	Conclusion	Henry	Non-applicable
benzaldehyde CAS: 100-52-7 EC: 202-860-4	Koc	Non-applicable	Dry soil	Non-applicable
	Conclusion	Non-applicable	Moist soil	Non-applicable
	Surface tension	3,827E-2 N/m (25 °C)		
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Koc	22181	Dry soil	Non-applicable
	Conclusion	Immobil	Moist soil	Non-applicable
	Surface tension	Non-applicable		
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	Koc	70	Dry soil	Non-applicable
	Conclusion	Very High	Moist soil	Yes
	Surface tension	2,388E-2 N/m (25 °C)		
p-tolualdehyde CAS: 104-87-0 EC: 203-246-9	Koc	Non-applicable	Dry soil	Non-applicable
	Conclusion	Non-applicable	Moist soil	Non-applicable
	Surface tension	3,628E-2 N/m (25 °C)		
Diethyl malonate CAS: 105-53-3 EC: 203-305-9	Koc	Non-applicable	Dry soil	Non-applicable
	Conclusion	Non-applicable	Moist soil	Non-applicable
	Surface tension	3,133E-2 N/m (25 °C)		
Hexan-1-ol CAS: 111-27-3 EC: 203-852-3	Koc	10.2	Dry soil	1,73 Pa·m <sup>3</sup> /mol
	Conclusion	Very High	Moist soil	Yes
	Surface tension	2,59E-2 N/m (25 °C)		
Ethyl isovalerate CAS: 108-64-5 EC: 203-602-3	Koc	Non-applicable	Dry soil	Non-applicable
	Conclusion	Non-applicable	Moist soil	Non-applicable
	Surface tension	2,324E-2 N/m (25 °C)		

**12.5 Results of PBT and vPvB assessment:**

Product fails to meet PBT/vPvB criteria

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

**Type of waste (Regulation (EU) No 1357/2014):**

HP3 Flammable, HP6 Acute Toxicity, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

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## SECTION 14: TRANSPORT INFORMATION

**Transport of dangerous goods by land:**

With regard to ADR 2019 and RID 2019:



<b>14.1 UN number:</b>	UN1993
<b>14.2 UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Ethyl butyrate)
<b>14.3 Transport hazard class(es):</b>	3
Labels:	3
<b>14.4 Packing group:</b>	III
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user</b>	
Special regulations:	274, 601
Tunnel restriction code:	D/E
Physico-Chemical properties:	see section 9
Limited quantities:	5 L
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:



<b>14.1 UN number:</b>	UN1993
<b>14.2 UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Ethyl butyrate)
<b>14.3 Transport hazard class(es):</b>	3
Labels:	3
<b>14.4 Packing group:</b>	III
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user</b>	
Special regulations:	274, 223, 955
EmS Codes:	F-E, S-E
Physico-Chemical properties:	see section 9
Limited quantities:	5 L
Segregation group:	Non-applicable
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Non-applicable

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2020:



<b>14.1 UN number:</b>	UN1993
<b>14.2 UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Ethyl butyrate)
<b>14.3 Transport hazard class(es):</b>	3
Labels:	3
<b>14.4 Packing group:</b>	III
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user</b>	
Physico-Chemical properties:	see section 9
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Non-applicable

## SECTION 15: REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

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**SECTION 15: REGULATORY INFORMATION (continued)**

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

**Seveso III:**

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5000	50000

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Non-applicable

**Texts of the legislative phrases mentioned in section 2:**

- H319: Causes serious eye irritation
- H317: May cause an allergic skin reaction
- H302: Harmful if swallowed
- H226: Flammable liquid and vapour

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

- Acute Tox. 4: H302 - Harmful if swallowed
- Eye Irrit. 2: H319 - Causes serious eye irritation
- Flam. Liq. 3: H226 - Flammable liquid and vapour
- Skin Irrit. 2: H315 - Causes skin irritation
- Skin Sens. 1: H317 - May cause an allergic skin reaction
- STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral)

**Classification procedure:**

- Eye Irrit. 2: Calculation method
- Skin Sens. 1: Calculation method
- Acute Tox. 4: Calculation method
- Flam. Liq. 3: Calculation method (2.6.4.3)

**Advice related to training:**

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

- <http://echa.europa.eu>
- <http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

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### Acryl Liquid Geur Verminderaar



#### SECTION 16: OTHER INFORMATION (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5-day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
Log-POW: Octanol-water partition coefficient  
Koc: Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -