

VILLACRYL OPAKER Liquid

Creation date	21st April 2025	Version	3.0
Revision date	21st April 2025		

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

- 1.1. Product identifier**
 Substance / mixture VILLACRYL OPAKER Liquid
 Number mixture
 UFI V210L1
 UWK0-90GJ-C00C-CH6D
 Other mixture names
 UFI: UWK0-90GJ-C00C-CH6D, VILLACRYL OPAKER Płyn 12ml - V210L03
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
 Liquid component of universal metal masking material VILLACRYL OPAKER. For professional use only.
Mixture uses advised against
 The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
 Name or trade name Everall7 Sp. z o.o.
 Address Augustówka 14, Warszawa , 02-981
 Poland
 Identification number (CRN) 002028511
 VAT number PL5210124886
 Phone +48 22 858 82 72
 Email info@everall7.pl
 Web address everall7.pl
- Competent person responsible for the safety data sheet**
 Name Trial Ltd.
 Email sblcore@sblcore.com
- 1.4. Emergency telephone number**
 European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Sens. 1B, H317

Most serious adverse effects on human health and the environment

May cause an allergic skin reaction.

- 2.2. Label elements**

Hazard pictogram



Signal word

Warning

Hazardous substances

2,2'-ethylenedioxydiethyl dimethacrylate

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves.

P321 Specific treatment (see supplemental first aid instructions on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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P362+P364
P501

Take off contaminated clothing and wash it before reuse.
Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 607-768-00-1 CAS: 109-16-0 EC: 203-652-6	2,2'-ethylenedioxydiethyl dimethacrylate	>75	Skin Sens. 1B, H317	
CAS: 6606-59-3 EC: 229-551-7	1,6-hexanediyl bismethacrylate	<25	Aquatic Chronic 3, H412	

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

If inhaled

Not expected.

If on skin

May cause an allergic skin reaction.

If in eyes

Not expected.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

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5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Content	Packaging type	Material of package
12 ml	bottle	GL

Storage class

13 - Non-combustible solids that cannot be assigned to any of the above storage classes

Storage temperature

min 5 °C, max 25 °C

7.3. Specific end use(s)

Liquid component of Universal metal masking material Villacryl Opaque

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

DNEL

1,6-hexanediyl bismethacrylate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	14.5 mg/m ³	Chronic effects systemic	Toxicity test	ECHA
Consumers	Dermal	2.5 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA
Consumers	Inhalation	4.3 mg/m ³	Chronic effects systemic	Toxicity test	ECHA
Workers	Dermal	4.2 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA
Consumers	Oral	2.5 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA

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2,2'-ethylenedioxydiethyl dimethacrylate

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	48.5 mg/m ³	Chronic effects systemic	Toxicity test	ECHA
Workers	Dermal	13.9 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA
Consumers	Inhalation	14.5 mg/m ³	Chronic effects systemic	Toxicity test	ECHA
Consumers	Dermal	8.33 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA
Consumers	Oral	8.33 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA

PNEC

1,6-hexanediyl bismethacrylate

Route of exposure	Value	Value determination	Source
Drinking water	4.88 mg/l	Toxicity test	ECHA
Water (intermittent release)	45 µg/l	Toxicity test	ECHA
Marine water	488 ng/l	Toxicity test	ECHA
Microorganisms in sewage treatment	800 mg/l	Toxicity test	ECHA
Freshwater sediment	262 µg/kg of dry substance	Toxicity test	ECHA
Sea sediments	26.2 µg/kg of dry substance	Toxicity test	ECHA
Soil (agricultural)	49.5 µg/kg	Toxicity test	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate

Route of exposure	Value	Value determination	Source
Drinking water	16.4 µg/l	Toxicity test	ECHA
Water (intermittent release)	16.4 µg/l	Toxicity test	ECHA
Marine water	1.64 µg/l	Toxicity test	ECHA
Microorganisms in sewage treatment	1.7 mg/l	Toxicity test	ECHA
Freshwater sediment	185 mg/kg of dry substance of sediment	Toxicity test	ECHA
Sea sediments	18.5 mg/kg of dry substance of sediment	Toxicity test	ECHA
Soil (agricultural)	27.4 µg/kg of dry substance	Toxicity test	ECHA

8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

It is not needed.

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Contaminated skin should be washed thoroughly.

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Glove material	Thickness	Breakthrough time	Class
Neoprene (CR)	≥ 0.7 mm	>30 min	2

Respiratory protection

It is not needed.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	data not available
Odour	data not available
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available
data not available	

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

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Acute toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

1,6-hexanediyl bismethacrylate								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD ₅₀	OECD 423	>2000 mg/kg bw	14 days	Rat (Wistar)	F/M	Toxicity test	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD ₅₀		10750 mg/kg bw		Mouse		Toxicity test	ECHA
Skin	LD ₅₀		>2000 mg/kg bw		Mouse	M	Toxicity test	ECHA

Skin corrosion/irritation

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

1,6-hexanediyl bismethacrylate						
Route of exposure	Result	Method	Exposure time	Species	Value determination	Source
Skin	Not irritating	in vivo	24 hours	Rabbit (New Zealand White)	Toxicity test	ECHA
Eye	Not irritating	OECD 405		Rabbit (New Zealand White)	Toxicity test	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate						
Route of exposure	Result	Method	Exposure time	Species	Value determination	Source
Skin	Not irritating		24 hours	Rabbit (New Zealand White)	Toxicity test	ECHA

Serious eye damage/irritation

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

2,2'-ethylenedioxydiethyl dimethacrylate						
Route of exposure	Result	Method	Exposure time	Species	Value determination	Source
Eye	Not irritating	OECD 405		Rabbit (New Zealand White)	Toxicity test	ECHA

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Sensitization

1,6-hexanediyl bismethacrylate							
Route of exposure	Result	Method	Exposure time	Species	Sex	Value determination	Source
Skin	Not sensitizing	OECD 429		Mouse	F	Toxicity test	ECHA

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2,2'-ethylenedioxydiethyl dimethacrylate

Route of exposure	Result	Method	Exposure time	Species	Sex	Value determination	Source
Skin	Sensitizing	OECD 429		Mouse	F	Toxicity test	ECHA

Germ cell mutagenicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

1,6-hexanediyl bismethacrylate

Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative without metabolic activation, Negative with metabolic activation	OECD 471	48 hours		Bacteria (Salmonella typhimurium)		Toxicity test	ECHA
Negative	OECD 474			Mouse	F/M	Toxicity test	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate

Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative without metabolic activation, Negative with metabolic activation	OECD 476	4 hours	Lung fibroblasts	Chinese hamster (Cricetulus barabensis)		Toxicity test	ECHA

Carcinogenicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

2,2'-ethylenedioxydiethyl dimethacrylate

Route of exposure	Parameter	Value	Exposure time	Result	Species	Sex	Value determination	Source
Skin	NOAEL	1000 mg/kg bw/day	78 weeks (5 days/week)	No carcinogenic effect	Mouse	M	Toxicity test	ECHA

Reproductive toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

1,6-hexanediyl bismethacrylate

Effect	Parameter	Method	Value	Exposure time	Result	Species	Sex	Value determination	Source
Effects on fertility	NOAEL	OECD 416	400 mg/kg bw/day		No effect	Rat (Wistar)	F/M	Toxicity test	ECHA
Developmental toxicity	NOAEL	OECD 414	450 mg/kg bw/day		No effect	Rabbit (Himalayan)	F/M	Toxicity test	ECHA

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2,2'-ethylenedioxydiethyl dimethacrylate

Effect	Parameter	Method	Value	Exposure time	Result	Species	Sex	Value determination	Source
Effects on fertility	NOAEL	OECD 422	1000 mg/kg bw/day	6 weeks (7 days/week)	No effect	Rat (Sprague-Dawley)	F/M	Toxicity test	ECHA
Developmental toxicity	NOAEL	OECD 422	1000 mg/kg bw/day	6 weeks (7 days/week)	No effect	Rat (Sprague-Dawley)	F/M	Toxicity test	ECHA

Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - repeated exposure

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Repeated dose toxicity

1,6-hexanediyl bismethacrylate

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	NOAEL	No effect		≥124.1 mg/kg bw/day	104 weeks (7 days/week)	Rat (Wistar)	F/M	Toxicity test	ECHA
Inhalation	NOAEC	No effect	OECD 453	1640 mg/m ³ of air	104 weeks (6 hour/day, 5 days/week)	Rat (Fischer 344)	F/M	Toxicity test	ECHA
Inhalation	LOAEC	No effect	OECD 453	416 mg/m ³ of air	104 weeks (6 hour/day, 5 days/week)	Rat (Fischer 344)	F/M	Toxicity test	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	NOAEL		OECD 422	1000 mg/kg bw/day		Rat (Sprague-Dawley)	F/M	Toxicity test	ECHA
Inhalation	NOAEC		OECD 413	100 ppm	90 days (6 hour/day, 5 days/week)	Rat (Sprague-Dawley)	F/M	Toxicity test	ECHA
Inhalation	LOAEC		OECD 413	350 ppm	90 days (6 hour/day, 5 days/week)	Rat (Sprague-Dawley)	F/M	Toxicity test	ECHA
Skin	NOAEL			2000 mg/kg bw/day	13 weeks (5 days/week)	Mouse	M	Toxicity test	ECHA

Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

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11.2. Information on other hazards

Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

1,6-hexanediyl bismethacrylate							
Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC ₅₀	OECD 203	4.5 mg/l	96 hours	Fish (Oncorhynchus mykiss)	Fresh water	Toxicity test	ECHA
EC ₅₀		11.2 mg/l	48 hours	Daphnia (Daphnia magna)	Fresh water	Toxicity test	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate							
Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC ₅₀	OECD 203	16.4 mg/l	96 hours	Fish (Oncorhynchus mykiss)	Fresh water	Toxicity test	ECHA
LC ₅₀	OECD 203	23.1 mg/l	24 hours	Fish (Oncorhynchus mykiss)	Fresh water	Toxicity test	ECHA
LC ₅₀	OECD 203	17.9 mg/l	48 hours	Fish (Oncorhynchus mykiss)	Fresh water	Toxicity test	ECHA
LC ₅₀	OECD 203	17.2 mg/l	72 hours	Fish (Oncorhynchus mykiss)	Fresh water	Toxicity test	ECHA

Chronic toxicity

1,6-hexanediyl bismethacrylate							
Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
EC ₅₀		5.33 mg/l	72 hours	Algae (Selenastrum capricornutum)	Fresh water	Toxicity test	ECHA
EC ₀		800 mg/l	16 hours	Bacteria (Pseudomonas putida)	Fresh water	Toxicity test	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate							
Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
NOEC	OECD 211	32 mg/l	21 days	Daphnia (Daphnia magna)	Fresh water	Toxicity test	ECHA

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2,2'-ethylenedioxydiethyl dimethacrylate

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LOEC	OECD 211	100 mg/l	21 days	Daphnia (Daphnia magna)	Fresh water	Toxicity test	ECHA
EC ₅₀	OECD 211	51.9 mg/l	21 days	Daphnia (Daphnia magna)	Fresh water	Toxicity test	ECHA
EC ₅₀	OECD 201	100 mg/l	72 hours	Bacteria (Raphidocelis subcapitata)	Fresh water	Toxicity test	ECHA
NOEC	OECD 201	61 mg/l	72 hours	Bacteria (Raphidocelis subcapitata)	Fresh water	Toxicity test	ECHA

12.2. Persistence and degradability

Data for the mixture are not available.

Biodegradability

1,6-hexanediyl bismethacrylate

Parameter	Method	Value	Exposure time	Environment	Value determination	Result	Source
% Degradation	OECD 301F	91.1 %	28 days	Fresh water	Experimentally	Easily biodegradable	ECHA

2,2'-ethylenedioxydiethyl dimethacrylate

Parameter	Method	Value	Exposure time	Environment	Value determination	Result	Source
% Degradation	OECD 301B	85 %	28 days	Activated sludge	Toxicity test	Easily biodegradable	ECHA

12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

not available

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

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SECTION 14: Transport information

- 14.1. UN number or ID number**
not subject to transport regulations
- 14.2. UN proper shipping name**
not relevant
- 14.3. Transport hazard class(es)**
not relevant
- 14.4. Packing group**
not relevant
- 14.5. Environmental hazards**
not relevant
- 14.6. Special precautions for user**
not available
- 14.7. Maritime transport in bulk according to IMO instruments**
not relevant

Additional information

Hazard identification No.

90

UN number

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

- P261 Avoid breathing mist/vapours/spray.
- P280 Wear protective gloves.
- P321 Specific treatment (see supplemental first aid instructions on this label).
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P501 Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

- ADR Agreement concerning the international carriage of dangerous goods by road
- Aquatic Chronic Hazardous to the aquatic environment (chronic)
- BCF Bioconcentration Factor
- CAS Chemical Abstracts Service
- CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

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EC	Identification code for each substance listed in EINECS
EC ₀	Concentration of a substance when it is affected 0 % of the population
EC ₅₀	Concentration of a substance when it is affected 50 % of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
log K _{ow}	Octanol-water partition coefficient
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
Skin Sens.	Skin sensitization
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

Version 3.0 replaces the SDS version from 11/07/2023. Updating data on mixture components. Changes have been made to all sections of the SDS.

More information

Classification procedure - calculation method.

Statement



SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

VILLACRYL OPAKER Liquid

Creation date	21st April 2025	Version	3.0
Revision date	21st April 2025		

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.