

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

1.1. Product identifier

Product form : Mixture
Trade name : Paracryl FR

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

DL CHEMICALS
Roterijstraat 201-203
B-8793 Waregem - Belgium
T + 32 56 62 70 51 - F + 32 56 60 95 68
info@dl-chem.com - www.dl-chem.com

1.4. Emergency telephone number

Emergency number : + 32 70 245 245

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH210 - Safety data sheet available on request.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Proprietary blend of esters	(CAS-No.) proprietary	4 - 7	Not classified
DIPROPYLENE GLYCOL DIBENZOATE	(CAS-No.) 27138-31-4 (EC-No.) 248-258-5 (REACH-no) 01-2119529241-49	< 1,5	Aquatic Chronic 3, H412

Full text of H-statements: see section 16

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In case of doubt or persistent symptoms, consult always a physician. Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Move to fresh air.
First-aid measures after skin contact	: Do not use solvents or thinners. Wash immediately with plenty of water.
First-aid measures after eye contact	: Rinse with water while holding the eyes wide open. Contact lenses should be removed. Seek medical advice (show the label where possible).
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting.

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

Symptoms/effects after eye contact	: Redness of the eye tissue. Irritating to eyes.
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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Powder. Water spray. Alcohol resistant foam.
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5.2. Special hazards arising from the substance or mixture

Fire hazard	: The product is not flammable.
Hazardous decomposition products in case of fire	: fume. Carbon dioxide. Carbon monoxide. Nitrogen oxides.

5.3. Advice for firefighters

Precautionary measures fire	: Exercise caution when fighting any chemical fire. Evacuate unnecessary personnel. Do not breathe fumes from fires or vapours from decomposition.
Firefighting instructions	: Cool down the containers exposed to heat with a water spray.
Protection during firefighting	: Wear a self contained breathing apparatus.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material, e.g.: sand, saw dust. Dispose of contaminated materials in accordance with current regulations.
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6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container closed when not in use.
Storage temperature	: 5 - 25 °C
Information on mixed storage	: Store away from strong oxidizers, strong bases, strong acids.
Storage area	: Protect from freezing. Protect from heat and direct sunlight.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Gloves must be replaced after each use and whenever signs of wear or perforation appear. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Time of penetration is to be checked with the glove producer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber	6 (> 480 minutes)	> 0,1		EN 374

Eye protection:

Type	Use	Characteristics	Standard
Safety glasses		With side shields	EN 166

Skin and body protection:

Light protective clothing

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



Environmental exposure controls:

Do not allow to enter drains or water courses.

Consumer exposure controls:

Avoid contact with skin and eyes.

Other information:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous. Paste
pH	: 7,7 - 8,5
Flash point	: > 100 °C
Relative density	: 1,6 - 1,64
Solubility	: Water: Soluble

9.2. Other information

VOC content	: 3 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

DI PROPYLENE GLYCOL DI BENZOATE (27138-31-4)	
LD50 oral rat	3914 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 200 mg/l/4h

Skin corrosion/irritation : Not classified
pH: 7,7 - 8,5

Serious eye damage/irritation : Not classified
pH: 7,7 - 8,5

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

DI PROPYLENE GLYCOL DI BENZOATE (27138-31-4)	
NOAEL (chronic, oral, animal/male, 2 years)	90 d 1000 mg/kg bodyweight

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

DI PROPYLENE GLYCOL DI BENZOATE (27138-31-4)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight/day

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

DI PROPYLENE GLYCOL DI BENZOATE (27138-31-4)	
LC50 fish 1	3,7 mg/l Pimephalis Promelas
EC50 Daphnia 1	19,3 mg/l
EC50 72h algae (1)	4,9 mg/l
ErC50 (algae)	72 h 4,9 mg/l
NOEC chronic algae	1 mg/l

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12.2. Persistence and degradability

Paracryl FR	
Persistence and degradability	Not biodegradable.
DI PROPYLENE GLYCOL DI BENZOATE (27138-31-4)	
Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	6,5 g O ₂ /g substance
Chemical oxygen demand (COD)	2,23 g O ₂ /g substance
Biodegradation	28d 87 %

12.3. Bioaccumulative potential

Paracryl FR	
Bioaccumulative potential	No bioaccumulation.
DI PROPYLENE GLYCOL DI BENZOATE (27138-31-4)	
Bioconcentration factor (BCF REACH)	< 200
Log Pow	3,9
Log Kow	3,9

12.4. Mobility in soil

DI PROPYLENE GLYCOL DI BENZOATE (27138-31-4)	
Mobility in soil	3,6
Surface tension	61 mN/m at 20 °C
Log Koc	3981

12.5. Results of PBT and vPvB assessment

Paracryl FR	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Ecology - waste materials : Do not allow into drains or water courses.

SECTION 14: Transport information

In accordance with ADR

ADR	
14.1. UN number	Not applicable
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Dangerous for the environment : No
No supplementary information available	

14.6. Special precautions for user

- Overland transport
No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	DIPROPYLENE GLYCOL DIBENZOATE
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	DIPROPYLENE GLYCOL DIBENZOATE

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 3 g/l

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
H412	Harmful to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

MSDS Reach Annex II DL-Chem

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product