Trade name: WIDOCRYL-Topsiegel PM

Current version : 3.4.0, issued: 04.07.2022 **Replaced version:** 3.3.0, issued: 11.06.2021 **Region:** GB

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

1.1 Product identifier

Trade name

WIDOCRYL-Topsiegel PM

WIDOCRYL-Topsiegel SV

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

Relevant identified uses of the substance or mixture
sealing

Uses advised against
No data available.

1.3 Details of the supplier of the safety data sheet

Address
Widopan Produkte GmbH
Ostereichen 3
D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0
Fax no. +49 (0) 4144 69821-20

Information provided by / telephone
+49 (0) 4144 69821-0

Advice on Safety Data Sheet
sdb_info@umco.de

Details of the importer

Address
Widopan Limited
System House
Horndon Industrial Park
24 Station Rd
West Horndon
Brentwood
CM13 3XL

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)
Flam. Liq. 2; H225
Skin Irrit. 2; H315
Skin Sens. 1; H317
STOT SE 3; H335

Classification information
This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:
Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP
Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms

GHS02

GHS07

Signal word
Danger

Hazardous component(s) to be indicated on label:
methyl-methacrylate
2-ethylhexyl acrylate
2,2'-ethylenedioxydiethyl dimethacrylate

Hazard statement(s)

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.

Hazard statements (EU)

EUH208	Contains 2-(2H-benzotriazol-2-yl)-p-cresol. May produce an allergic reaction.

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing vapours/spray.
P312	Call a POISON CENTER/doctor if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use water spray, carbon dioxide, dry chemical or foam to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards
No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances
Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization
Methyl methacrylate-based reactive resin

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	**methyl-methacrylate**			
	80-62-6 201-297-1 607-035-00-6 01-2119452498-28	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	>= 50.00 - < 70.00	wt%
2	**2-ethylhexyl acrylate**			
	103-11-7 203-080-7 607-107-00-7 01-2119453158-37	Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	>= 10.00 - < 25.00	wt%
3	**2,2'-ethylenedioxydiethyl dimethacrylate**			

	109-16-0 203-652-6 - 01-2119969287-21	Skin Sens. 1B; H317	< 2.50	wt%
4	**2-(2H-benzotriazol-2-yl)-p-cresol**			
	2440-22-4 219-470-5 - -	Aquatic Chronic 4; H413 Skin Sens. 1; H317	< 2.50	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	D	-	-	-
3	D	-	-	-

Full text for the notes: pls. see section 16 “Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)”.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. If the patient is likely to become unconscious, place and transport in stable sideways position.

After inhalation
Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Call a doctor immediately.

After skin contact
Remove with a cloth or paper. Wash off with soap and water. Don't use solvents. Consult a doctor if skin irritation persists.

After eye contact
Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

After ingestion
Do not induce vomiting. Call a doctor immediately. Rinse the mouth thoroughly with water. Drink water in small gulps. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed
No data available.

4.3 Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Alcohol-resistant foam; Extinguishing powder; Water spray jet; Carbon dioxide

Unsuitable extinguishing media
High power water jet

5.2 Special hazards arising from the substance or mixture
In the event of fire, the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO)

5.3 Advice for firefighters
Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

For emergency responders
No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions
Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up
Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections
No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
Provide good ventilation at the work area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures
Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Wash hands before breaks and after work. Use barrier skin cream. Provide eye wash fountain in work area. Have emergency shower available.

Advice on protection against fire and explosion
Vapours can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition. Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions
Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep in a cool place, heat causes increase in pressure and risk of bursting.

Recommended storage temperature

Value	5	-	25	°C

Requirements for storage rooms and vessels
Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original. Fill containers only up to 80%, because oxygen (air) is necessary for stabilization.

Incompatible products
Do not store together with fire promoting substances. Do not store together with foodstuffs.

7.3 Specific end use(s)
No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
	2009/161/EU		

	methyl methacrylate				
	WEL short-term (15 min reference period)			100	ppm
	WEL long-term (8-hr TWA reference period)			50	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Methyl methacrylate				
	WEL short-term (15 min reference period)	416	mg/m³	100	ppm
	WEL long-term (8-hr TWA reference period)	208	mg/m³	50	ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	**Exposure time**	**Effect**	**Value**	
1	**methyl-methacrylate**			**80-62-6 201-297-1**	
	dermal	Short term (acut)	local	1.5	mg/cm²
	dermal	Long term (chronic)	systemic	13.67	mg/kg
	dermal	Long term (chronic)	local	1.5	mg/cm²
	inhalative	Long term (chronic)	systemic	208	mg/m³
	inhalative	Long term (chronic)	local	208	mg/m³
2	**2-ethylhexyl acrylate**			**103-11-7 203-080-7**	
	dermal	Short term (acut)	local	0.242	mg/cm²
	inhalative	Short term (acut)	local	37.5	mg/m³
	inhalative	Long term (chronic)	local	37.5	mg/m³
3	**2,2'-ethylenedioxydiethyl dimethacrylate**			**109-16-0 203-652-6**	
	dermal	Long term (chronic)	systemic	13.9	mg/kg/day
	inhalative	Long term (chronic)	systemic	48,5	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	**Exposure time**	**Effect**	**Value**	
1	**methyl-methacrylate**			**80-62-6 201-297-1**	
	dermal	Short term (acut)	local	1.5	mg/cm²
	dermal	Long term (chronic)	systemic	8.2	mg/kg
	dermal	Long term (chronic)	local	1.5	mg/cm²
	inhalative	Long term (chronic)	systemic	74.3	mg/m³
	inhalative	Long term (chronic)	local	104	mg/m³
2	**2-ethylhexyl acrylate**			**103-11-7 203-080-7**	
	dermal	Short term (acut)	local	0.242	mg/cm²
	inhalative	Short term (acut)	local	4.5	mg/m³
	inhalative	Long term (chronic)	local	4.5	mg/m³
3	**2,2'-ethylenedioxydiethyl dimethacrylate**			**109-16-0 203-652-6**	
	oral	Long term (chronic)	systemic	8,33	mg/kg
	dermal	Long term (chronic)	systemic	8,33	mg/kg
	inhalative	Long term (chronic)	systemic	14,5	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	**Type**	**Value**	
1	**methyl-methacrylate**		**80-62-6 201-297-1**	
	water	fresh water	0.94	mg/L
	water	marine water	0.94	mg/L
	water	Aqua intermittent	0.94	mg/L
	water	fresh water sediment	5.74	mg/kg

	soil	-	1.47	mg/kg
	sewage treatment plant	-	10	mg/L
2	**2-ethylhexyl acrylate**		**103-11-7 203-080-7**	
	water	fresh water	0.00272	mg/L
	water	marine water	0.00027	mg/L
	water	fresh water sediment	0.126	mg/kg
	soil	-	1	mg/kg
	sewage treatment plant	-	2.3	mg/L
3	**2,2'-ethylenedioxydiethyl dimethacrylate**		**109-16-0 203-652-6**	
	water	fresh water	0,16	mg/L
	water	marine water	0.002	mg/L
	water	fresh water sediment	0.185	mg/kg dry weight
	water	marine water sediment	0.018	mg/kg dry weight
	soil	-	0,027	mg/kg dry weight
	sewage treatment plant	-	1.7	mg/L

8.2 Exposure controls

Appropriate engineering controls
No data available.

Personal protective equipment

Respiratory protection
If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.
Respiratory filter (gas) : A

Eye / face protection
Tightly fitting safety glasses (EN 166).

Hand protection
Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.
Appropriate Material butyl rubber
Breakthrough time > 60 min

Other
fire-resistant protective clothing

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation
liquid

Form/Colour
liquid
color pigmented

Odour

of acrylate

Odour threshold		
Value	0.05	ppm
Reference substance	Methyl methacrylate	

pH value
No data available

Boiling point / boiling range		
Value	101	°C
Method	DIN 51751	
Reference substance	Methyl methacrylate	

Melting point/freezing point		
Value	-48	°C
Reference substance	Methyl methacrylate	

Decomposition temperature
No data available

Flash point		
Value	12	°C
Method	DIN 51755	
Reference substance	Methyl methacrylate	

Ignition temperature
No data available

Flammability
No data available

Lower explosion limit		
Value	2.1	% vol
Reference substance	Methyl methacrylate	

Upper explosion limit		
Value	12.5	% vol
Reference substance	Methyl methacrylate	

Vapour pressure		
Value	38.7	mbar
Reference substance	Methyl methacrylate	

Relative vapour density
No data available

Relative density
No data available

Density		
Value	1.10	g/cm³
Reference temperature	25	°C
Method	DIN 53217	

Solubility in water	
Comments	insoluble

Solubility
No data available

Partition coefficient n-octanol/water (log value)			
No	**Substance name**	**CAS no.**	**EC no.**
1	**methyl-methacrylate**	**80-62-6**	**201-297-1**
log Pow		1.38	
Reference temperature		20	°C

Source	ECHA

2	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6

log Pow	2.3
Method	OECD 117
Source	ECHA

Kinematic viscosity				
Value	190	-	270	mPa*s
Reference temperature			25	°C
Method	DIN 53018			

Particle characteristics
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available.

10.2 Chemical stability
Stable if stored and handled properly.

10.3 Possibility of hazardous reactions
Polymerization upon exposure to white light, ultraviolet light or heat. Polymerization is highly exothermic and may produce sufficient heat to cause thermal decomposition and/or rupture of the container.

10.4 Conditions to avoid
Heat, naked flames and other ignition sources. Protect from light.

10.5 Incompatible materials
Peroxides; Amines; Heavy metals; Oxidizing agents; Reducing agents

10.6 Hazardous decomposition products
No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute oral toxicity
No data available

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1

LD50	>	5000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1

LC50	29.8	mg/l
Duration of exposure	4	h
State of aggregation	Vapour	
Species	rat	
Source	ECHA	

Skin corrosion/irritation			
No	**Substance name**	**CAS no.**	**EC no.**
1	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**	**203-652-6**
Duration of exposure	24	h	
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Serious eye damage/irritation			
No	**Substance name**	**CAS no.**	**EC no.**
1	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**	**203-652-6**
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Respiratory or skin sensitisation			
No	**Substance name**	**CAS no.**	**EC no.**
1	**methyl-methacrylate**	**80-62-6**	**201-297-1**
Route of exposure	Skin		
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	sensitizing		
2	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**	**203-652-6**
Route of exposure	Skin		
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	sensitizing		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Germ cell mutagenicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**methyl-methacrylate**	**80-62-6**	**201-297-1**
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**	**203-652-6**
Duration of exposure	4	h	
Type of examination	in vitro gene mutation study in mammalian cells		
Species	Chinese hamster lung (CHL)		
Method	OECD 476		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity
No data available

Carcinogenicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**methyl-methacrylate**	**80-62-6**	**201-297-1**
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration hazard

No data available

11.2 Information on other hazards

Endocrine disrupting properties
No data available.

Other information
No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)					
No	**Substance name**	**CAS no.**		**EC no.**	
1	**methyl-methacrylate**	**80-62-6**		**201-297-1**	
LC50		>	79		mg/l
Duration of exposure			96		h
Species		Oncorhynchus mykiss			
Method		OECD 203			
Source		ECHA			
2	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**		**203-652-6**	
LC50			16.4		mg/l
Duration of exposure			96		h
Species		Danio rerio			
Method		OECD 203			
Source		ECHA			

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)					
No	**Substance name**	**CAS no.**		**EC no.**	
1	**methyl-methacrylate**	**80-62-6**		**201-297-1**	
EC50			69		mg/l
Duration of exposure			48		h
Species		Daphnia magna			
Method		OECD 202			
Source		ECHA			

Toxicity to Daphnia (chronic)					
No	**Substance name**	**CAS no.**		**EC no.**	
1	**methyl-methacrylate**	**80-62-6**		**201-297-1**	
NOEC			37		mg/l
Duration of exposure			21		day(s)
Species		Daphnia magna			
Method		OECD 211			
Source		ECHA			
2	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**		**203-652-6**	
NOEC			32		mg/l
Duration of exposure			21		day(s)
Species		Daphnia magna			
Method		OECD 211			
Source		ECHA			

Toxicity to algae (acute)					
No	**Substance name**	**CAS no.**		**EC no.**	
1	**methyl-methacrylate**	**80-62-6**		**201-297-1**	
EC50		>	110		mg/l
Duration of exposure			72		h
Species		Selenastrum capricornutum			
Method		OECD 201			

Source	ECHA		
2 2,2'-ethylenedioxydiethyl dimethacrylate	**109-16-0**		**203-652-6**
EC50	>	100	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)
No data available

Bacteria toxicity
No data available

12.2 Persistence and degradability

Biodegradability			
No	**Substance name**	**CAS no.**	**EC no.**
1	**methyl-methacrylate**	**80-62-6**	**201-297-1**
Value		94	%
Duration		14	day(s)
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
2	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**	**203-652-6**
Type	aerobic biodegradation		
Value		85	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	**Substance name**	**CAS no.**	**EC no.**
1	**methyl-methacrylate**	**80-62-6**	**201-297-1**
log Pow		1.38	
Reference temperature		20	°C
Source	ECHA		
2	**2,2'-ethylenedioxydiethyl dimethacrylate**	**109-16-0**	**203-652-6**
log Pow		2.3	
Method	OECD 117		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging
Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1866
Proper shipping name	RESIN SOLUTION
Special Provision 640	640C
Tunnel restriction code	D/E
Label	3

14.2 Transport IMDG

Class	3
Packing group	II
UN number	UN1866
Proper shipping name	RESIN SOLUTION
EmS	F-E, S-E
Label	3

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	II
UN number	UN1866
Proper shipping name	Resin solution
Label	3

14.4 Other information
No data available.

14.5 Environmental hazards
Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user
No data available.

14.7 Maritime transport in bulk according to IMO instruments
Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)
According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation
According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES				
The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.				No 3, 40
The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.				
No	**Substance name**	**CAS no.**	**EC no.**	**No**
1	**2-ethylhexyl acrylate**	**103-11-7**	**203-080-7**	**75**
2	**methyl-methacrylate**	**80-62-6**	**201-297-1**	**75**

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances	
This product is subject to Part I of Annex I, risk category:	P5b

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:
Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.
Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.
National Threshold Limit Values of the corresponding countries as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H413 May cause long lasting harmful effects to aquatic life.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

D Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words ‘non-stabilised’.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.
The safety data sheet describes products with a view to safety requirements.
It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Prod-ID 609772