

ROTOSTAR UV/LED FPG 730 872 FLEXO INK

Revision Date 10.10.2023

Print Date 11.10.2023

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

1.1 Product identifier

Trade name	:	ROTOSTAR UV/LED FPG 730 872 FLEXO INK
Material number	:	027768U11

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

This information is not available.

1.3 Details of the supplier of the safety data sheet

Company	: ECKART GmbH
	Guentersthal 4
	91235 Hartenstein
Telephone	: +499152770
Telefax	: +499152777008
E-mail address	: msds.eckart@altana.com
Responsible/issuing person	

1.4 Emergency telephone number

NCEC: (contract no.: ECKART29003-NCEC) +44 1235 239671 (Middle East/Africa, call and response in your language) +1 215 207 0061 (Americas, call and response in your language) +65 3158 1074 (Asia-Pacific, call and response in your language)

SECTION 2: Hazards identification

GHS Classification

: Acute toxicity, Category 5, Oral, H303 Skin corrosion/irritation, Category 2, H315 Serious eye damage/eye irritation, Category 2A, H319

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	Skin sensitisation, Category 1, H317 Short-term (acute) aquatic hazard, C Long-term (chronic) aquatic hazard,	Category 1, H400
GHS-Labelling		
Symbol(s)		
Signal word	: Warning	
Hazard statements	 H303: May be harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin rea H319: Causes serious eye irritation. H410: Very toxic to aquatic life with I 	
Precautionary statements	rash occurs: Get medical help. P302 + P352 IF ON SKIN: Wash v P305 + P351 + P338 IF IN EYES: water for several minutes. Remove of and easy to do. Continue rinsing.	handling. should not be allowed out ment. protection/ face protection. WED or if skin irritation or with plenty of water. : Rinse cautiously with contact lenses, if present sts: Get medical help.

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Hazardous components which must be listed on the label

Identification copper Propylidynetrimethanol, ethoxylated, esters with acrylic acid	CAS-No. 7440-50-8 28961-43-5
2-Propenoic acid, reaction products with dipentaerythritol	1384855-91-7
Glycerol, propoxylated, esters with acrylic acid	52408-84-1
phenyl bis(2,4,6-trimethylbenzoyl)- phosphine oxide	162881-26-7

SECTION 3: Composition/information on ingredients

:

Substance No.

Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
copper	7440-50-8 231-159-6	Acute Tox.;4;H302 ;2A;H319 Aquatic Acute;1;H400 Aquatic Chronic;1;H410	20 - 25
Poly(oxy-1,2-ethanediyl), .alpha hydroomega[(1-oxo-2-propen- 1-yl)oxy]-, ether with 2,2- bis(hydroxymethyl)-1,3- propanediol (4:1)	51728-26-8	Skin Irrit.;2;H315 Eye Irrit.;2;H319 Aquatic Chronic;2;H411	20 - 25
Propylidynetrimethanol, ethoxylated, esters with acrylic	28961-43-5	;2A;H319 Skin Sens.;1;H317	10 - 20

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acid			
2-Propenoic acid, reaction products with dipentaerythritol	1384855-91-7	;2A;H319 Skin Sens.;1A;ł Aquatic Chronic;3;H412	
2-Propenoic acid, polymer with 2,2-bis(hydroxymethyl)-1,3- propanediol, methyloxirane and oxirane	144086-02-2 604-394-0	;2A;H319 Aquatic Chronic;2;H411	2,5 - 10
zinc	7440-66-6 231-175-3	Aquatic Acute;1 Aquatic Chronic;1;H410	
Glycerol, propoxylated, esters with acrylic acid	52408-84-1	;2A;H319 Skin Sens.;1;H3	317
phenyl bis(2,4,6- trimethylbenzoyl)-phosphine oxide	162881-26-7	Acute Tox.;5;H3 Acute Tox.;5;H3 Skin Sens.;1;H3 Aquatic Chronic;4;H413	313 317
2,5-Cyclohexadien-1-one, 2,6- bis(1,1-dimethylethyl)-4- (phenylmethylene)-	7078-98-0	Skin Sens.;1;H3 Aquatic Chronic;4;H413	
2-Propenoic acid, reaction products with pentaerythritol	1245638-61-2	Acute Tox.;4;H3 Skin Irrit.;2;H31 Eye Dam.;1;H3 Skin Sens.;1;H3 Aquatic Acute;2	5 18 317
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	Aquatic Chronic;2;H411	
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For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	 Move the victim to fresh air. Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	 Remove to fresh air. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	If symptoms persist, call a physician. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. If on clothes, remove clothes.
In case of eye contact	 Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

This information is not available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Special powder against metal fire, Dry sand, ABC powder
Unsuitable extinguishing media	:	Water, High volume water jet, Carbon dioxide (CO2)

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	:	Standard procedure for chemical fires.
		Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Evacuate personnel to safe areas.
		Ensure adequate ventilation.
		Use personal protective equipment.

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6.2 Environmental precautions		
Environmental precautions	: The product should not be allowed to courses or the soil.	o enter drains, water
	Prevent product from entering drains Prevent further leakage or spillage if If the product contaminates rivers an respective authorities.	safe to do so.
6.3 Methods and materials for co	ontainment and cleaning up	
Methods for cleaning up	: Use mechanical handling equipment Pick up and transfer to properly labe Do not flush with water. Contain spillage, and then collect wit absorbent material, (e.g. sand, earth vermiculite) and place in container for local / national regulations (see secti Soak up with inert absorbent materia acid binder, universal binder, sawdus Keep in suitable, closed containers for	Illed containers. th non-combustible a, diatomaceous earth, or disposal according to ion 13). al (e.g. sand, silica gel, st).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

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Advice on protection against fire and explosion	: Keep away from heat and sources of	ignition. No smoking.
	Normal measures for preventive fire p	protection.
Hygiene measures	: General industrial hygiene practice.	
	When using do not eat or drink. Wher Wash hands before breaks and at the	
7.2 Conditions for safe storage,	including any incompatibilities	
Requirements for storage areas and containers	: Keep away from sources of ignition - store near combustible materials. Kee closed in a cool, well-ventilated place quality, do not store in heat or direct s	ep containers tightly . To maintain product
	Keep container tightly closed in a dry place. Containers which are opened r resealed and kept upright to prevent I installations / working materials must technological safety standards.	nust be carefully eakage. Electrical
Further information on storage conditions	: Protect from humidity and water.	
Advice on common storage	: Keep away from oxidizing agents, stro strongly acid materials in order to avo Do not store together with oxidizing a	id exothermic reactions.
Dampness	: Keep in a dry, cool and well-ventilated	d place.
Other data	: No decomposition if stored and applie	ed as directed.

7.3 Specific end use(s)

This information is not available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Germany:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis	
copper	7440-50-8	AGW (inhalable fraction)	1 mg/m3		DE TRGS 900	
zinc	7440-66-6	AGW (Inhalable fraction)	10 mg/m3	2021-07-02	DE TRGS 900	
Peak-limit: excursion factor (category)		2;(II)				
Further information		When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child				
zinc	7440-66-6	AGW (Alveolate fraction)	1,25 mg/m3	2021-07-02	DE TRGS 900	
Peak-limit: excursion factor (category)		2;(II)				
Further information		When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child				

8.2 Exposure controls

Personal protective	equipment		
Eye protection	:	Safety glasses	
	:	Tightly fitting safety goggles	
		Wear face-shield and protectiv problems.	e suit for abnormal processing
Hand protection			
Material	:	Solvent-resistant gloves (butyl-	-rubber)
Remarks	:	Take note of the information gi	ven by the producer concerning
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		permeability and break through times, workplace conditions (mechanical stra	
		The exact break through time can be protective glove producer and this has	
		Please observe the instructions regard breakthrough time which are provided gloves. Also take into consideration th conditions under which the product is danger of cuts, abrasion, and the cont	l by the supplier of the ne specific local used, such as the
		Recommended preventive skin protect	otion
		Skin should be washed after contact.	
		The suitability for a specific workplace with the producers of the protective gl	
	:	The suitability for a specific workplace with the producers of the protective gl	
Skin and body protection	:	Impervious clothing	
		Choose body protection according to concentration of the dangerous substa	
Respiratory protection	:	Use suitable breathing protection if we requires.	•
		Equipment should conform to EN 143	87
Environmental exposure of	ontro	bls	
General advice	:	The product should not be allowed to courses or the soil. Prevent product from entering drains. Prevent further leakage or spillage if s If the product contaminates rivers and	safe to do so.
		respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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Appearance	: liquid	
Colour	: gold	
Odour	: characteristic	
рН	: substance/mixture is no	on-soluble (in water)
Freezing point	: No data available	
Boiling point/boiling range	: > 100 °C	
Flash point	: > 100 °C	
Bulk density	: No data available	
Flammability (solid, gas)	: No data available	
Auto-flammability	: No data available	
Upper explosion limit	: No data available	
Lower explosion limit	: No data available	
Vapour pressure	: No data available	
Density	: 1,4 g/cm3	
Solubility(ies)		
Water solubility	: insoluble	
Miscibility with water	: immiscible	
Solubility in other solvents	: No data available	
Partition coefficient: n-octanol/wate	er : No data available	
Ignition temperature	: No data available	
Thermal decomposition	: No data available	
Viscosity, dynamic	: No data available	
Viscosity, kinematic	: No data available	
Flow time	: No data available	

9.2 Other information

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No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions :	Stable under recommended storage conditions.			
	No decomposition if stored and applied as directed.			
10.4 Conditions to avoid				
Conditions to avoid :	Do not allow evaporation to dryness.			
10.5 Incompatible materials	No data available			
Materials to avoid :	No data available			
10.6 Hazardous decomposition products				
Hazardous decomposition : products				
	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).			

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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Components: copper : Acute oral toxicity : The component/mixture is moderately toxic after single ingestion. phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide : Acute oral toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 401 Acute dermal toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 401 Acute dermal toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 402 Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation. Product Causes sensitisation.	Version 2.0	Revision Date 10.10.2023	Print Date 11.10.2023		
coper: Acute oral toxicity : The component/mixture is moderately toxic after single ingestion. phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide : Acute oral toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 401 Method: OECD Test Guideline 401 Acute dermal toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 402 Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.					
Acute oral toxicity : The component/mixture is moderately toxic after single ingestion. phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide : Acute oral toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 401 Acute dermal toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 402 Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.	Components:				
Acute oral toxicity LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 401 Acute dermal toxicity LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 402 Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.			ely toxic after single		
Acute oral toxicity ELD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 401 Acute dermal toxicity ELD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 402 Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.					
Acute dermal toxicity : LD50 Rat: > 2 000 mg/kg Method: OECD Test Guideline 402 Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.					
Method: OECD Test Guideline 402 Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.		Method: OECD Test Guideline 401			
Skin corrosion/irritation Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.	Acute dermal toxicity	: LD50 Rat: > 2 000 mg/kg			
Product May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.		Method: OECD Test Guideline 402			
May cause skin irritation and/or dermatitis. Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.	Skin corrosion/irritation				
Serious eye damage/eye irritation Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.	<u>Product</u>				
Product May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.	May cause skin irritation and/or dermatitis.				
May cause irreversible eye damage. Respiratory or skin sensitisation Product Causes sensitisation.	Serious eye damage/eye irrita	tion			
Respiratory or skin sensitisation Product Causes sensitisation.	Product				
Product Causes sensitisation.	May cause irreversible eye damage.				
Causes sensitisation.	Respiratory or skin sensitisati	on			
Dece 12 / 21	<u>Product</u>				
Page 12 / 21 10200022500	Causes sensitisation.				
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Carcinogenicity

No data available

Toxicity to reproduction/fertility

No data available

Reprod.Tox./Development/Teratogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product

No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

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	copper (7440-50-8) :		
	M-Factor Ecotoxicology Assessment	:	10
	Short-term (acute) aquatic hazard	:	Very toxic to aquatic life.
	Long-term (chronic) aquatic hazard		Very toxic to aquatic life with long lasting effects.
	2-Propenoic acid, reaction p	roc	lucts with dipentaerythritol (1384855-91-7) :
	Ecotoxicology Assessment		
	Long-term (chronic) aquatic hazard	:	Harmful to aquatic life with long lasting effects.
	2-Propenoic acid, polymer w oxirane (144086-02-2) :	ith	2,2-bis(hydroxymethyl)-1,3-propanediol, methyloxirane and
	Ecotoxicology Assessment		
	Long-term (chronic) aquatic hazard zinc (7440-66-6) :	:	Toxic to aquatic life with long lasting effects.
	Ecotoxicology Assessment		
	Short-term (acute) aquatic hazard	:	Very toxic to aquatic life.
	Long-term (chronic) aquatic hazard	:	Very toxic to aquatic life with long lasting effects.
	phenyl bis(2,4,6-trimethylber	١zc	yl)-phosphine oxide (162881-26-7) :
	Ecotoxicology Assessment		
	Long-term (chronic) aquatic hazard	:	May cause long lasting harmful effects to aquatic life.
12.2	2 Persistence and degradabilit	ty	
	-	-	

No data available

12.3 Bioaccumulative potential

No data available

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12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Product:

Additional ecological	:	An environmental hazard cannot be excluded in the event of
information		unprofessional handling or disposal., Very toxic to aquatic life
		with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.
Contaminated packaging	 Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

ADR

: 3082

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TDG			
Not dangerous goods			
CFR			
Not dangerous goods			
IMDG	:	3082	
ΙΑΤΑ	:	3082	
14.2 Proper shipping name			
ADR	:	ENVIRONMENTALLY HAZARI N.O.S.	DOUS SUBSTANCE, LIQUID,
		(Copper metal powder)	
TDG			
Not dangerous goods			
CFR			
Not dangerous goods			
IMDG	:	ENVIRONMENTALLY HAZARI N.O.S.	DOUS SUBSTANCE, LIQUID,
		(,Copper metal powder)	
ΑΤΑΙ	:	ENVIRONMENTALLY HAZARI N.O.S.	DOUS SUBSTANCE, LIQUID,
		(Copper metal powder)	
14.3 Transport hazard class			
ADR	:	9	
TDG			
Not dangerous goods			
CFR			
Not dangerous goods			
IMDG	:	9	
ΙΑΤΑ	:	9	
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14.4 Packing group

ADR		
Packaging group	: 111	
Classification Code	: M6	
Hazard Identification Number	: 90	
Labels	: 9	
Tunnel restriction code	: (-)	
TDG		
Not dangerous goods		
CFR		
Not dangerous goods		
IMDG		
Packaging group	: III	
Labels	: 9	
ΙΑΤΑ		
Packing instruction (cargo aircraft)	: 964	
Packing instruction (passenger aircraft)	: 964	
Packing instruction (LQ)	: Y964	
Packaging group	: 111	
Labels	: 9	
14.5 Environmental hazards		
ADR	: Environmentally hazardou	s
IMDG	: Marine pollutant	

14.6 Special precautions for user

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For single packagings <=5L / 5 kg, or combination packagings containing inner packagings <= 5L / 5 kg net per inner packaging, SV375 ADR, 2.10.2.7 IMDG-Code, A197 IATA-DGR may be applied.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

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

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Banned and/or restricted (Propylidynetrimethanol, ethoxylated, esters with acrylic acid) (2-Propenoic acid, reaction products with dipentaerythritol) (2-Propenoic acid, polymer with 2,2- bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane) (Glycerol, propoxylated, esters with acrylic acid) (2,6-bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa- 2,5-dien-1-ore) 10200036590	REACH - Candidate List of Su Concern for Authorisation (Art	, ,	: No	ot applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Banned and/or restricted (Propylidynetrimethanol, ethoxylated, esters with acrylic acid) (2-Propenoic acid, reaction products with dipentaerythritol) (2-Propenoic acid, polymer with 2,2- bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane) : Glycerol, propoxylated, esters with acrylic acid) (2,6-bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa- 2,5-dien-1-one) : 0200026500	REACH - List of substances s		: No	ot applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Banned and/or restricted (Propylidynetrimethanol, ethoxylated, esters with acrylic acid) (2-Propenoic acid, reaction products with dipentaerythritol) (2-Propenoic acid, polymer with 2,2- bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane) (Glycerol, propoxylated, esters with acrylic acid) (2,6-bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa- 2,5-dien-1-one)	Regulation (EC) No 1005/200	9 on substances that	: No	ot applicable
the market and use of certain dangerous substances, mixtures and articles (Annex XVII) REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Banned and/or restricted (Propylidynetrimethanol, ethoxylated, esters with acrylic acid) (2-Propenoic acid, reaction products with dipentaerythritol) (2-Propenoic acid, polymer with 2,2- bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane) (Glycerol, propoxylated, esters with acrylic acid) (2,6-bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa- 2,5-dien-1-one)		n persistent organic	: No	ot applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) (2-Propenoic acid, reaction products with dipentaerythritol) (2-Propenoic acid, polymer with 2,2- bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane) (Glycerol, propoxylated, esters with acrylic acid) (2,6-bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa- 2,5-dien-1-one)	the market and use of certain	dangerous substances,	:	
the market and use of certain dangerous substances, mixtures and articles (Annex XVII) (2-Propenoic acid, reaction products with dipentaerythritol) (2-Propenoic acid, polymer with 2,2- bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane) (Glycerol, propoxylated, esters with acrylic acid) (2,6-bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa- 2,5-dien-1-one)			: Ba	nned and/or restricted
mixtures and articles (Annex XVII) ethoxylated, esters with acrylic acid) (2-Propenoic acid, reaction products with dipentaerythritol) (2-Propenoic acid, polymer with 2,2- bis(hydroxymethyl)-1,3-propanediol, methyloxirane and oxirane) (Glycerol, propoxylated, esters with acrylic acid) (2,6-bis(1,1-dimethylethyl)-4- (phenylenemethylene)cyclohexa- 2,5-dien-1-one)			(P	ropylidynetrimethanol.
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Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

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Version 2.0

Revision Date 10.10.2023

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15.2 Chemical safety assessment

No data available

SECTION 16: Other information

H302 :	Harmful if swallowed.
H303 :	May be harmful if swallowed.
H313 :	May be harmful in contact with skin.
H315 :	Causes skin irritation.
H317 :	May cause an allergic skin reaction.
H318 :	Causes serious eye damage.
H319 :	Causes serious eye irritation.
H400 :	Very toxic to aquatic life.
H401 :	Toxic to aquatic life.
H410 :	Very toxic to aquatic life with long lasting effects.
H411 :	Toxic to aquatic life with long lasting effects.
H412 :	Harmful to aquatic life with long lasting effects.
H413 :	May cause long lasting harmful effects to aquatic life.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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