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

1.1 Product identifier					
	Trade name	:	BPO-Härter rot		
	Product code	:	152.598		
1.2	Relevant identified uses of th	e s	ubstance or mixture and uses advised against		
	Use of the Sub- stance/Mixture	:	Curing chemical		
	Recommended restrictions on use	:	Industrial use, professional use, public use		
1.3	Details of the supplier of the	sa	fety data sheet		
	Company		JASA AG Müslistrasse 43 8957 Spreitenbach Schweiz		
			info@jasa-ag.ch, www.jasa-ag.ch		
	Telephone Telefax		+41 (0)44 431 60 70 +41 (0)44 432 63 17		
	Responsible Department	: F	Productmanagement, Tel: +41 (0)44 431 60 70, sds@jasa-ag.ch		
	Francisco de la relación				

1.4 Emergency telephone

Telephone	То	ox Info Suisse	(STIZ), Tel: 145
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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) Organic peroxides, Type E H242: Heating may cause a fire.						
Eye irritation, Category 2	H319: Causes serious eye irritation.					
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.					
Short-term (acute) aquatic hazard, Cate- gory 1	H400: Very toxic to aquatic life.					
Long-term (chronic) aquatic hazard, Cat- egory 1	H410: Very toxic to aquatic life with long lasting effects.					

2.2 Label elements

Labelling	(REGULATION	(EC) No	1272/2008)	
			L	

2

Hazard pictograms



Signal Word	:	Warning	
Hazard Statements	:	H317 H319	Heating may cause a fire. May cause an allergic skin reaction. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.
Precautionary Statements		1	If medical advice is needed, have product con- tainer or label at hand. Keep out of reach of children.
		Prevention:	
			Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
		:	Keep/Store away from clothing/ strong acids, ba- ses, heavy metal salts and other reducing sub- stances /combustible materials.
			Keep only in original packaging.
			Avoid release to the environment.
			Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P302 + P352	IF ON SKIN: Wash with plenty of soap and water.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		ter pre	P338 IF IN EYES: Rinse cautiously with wa- for several minutes. Remove contact lenses, if sent and easy to do. Continue rinsing. t medical advice/ attention if you feel unwell.
		Storage:	
			Store in a well-ventilated place. Keep cool. otect from sunlight.
		Disposal:	
		fac	pose of contents/ container to an approved ility in accordance with local, regional, national d international regulations.

Hazardous ingredients which must be listed on the label:

dibenzoyl peroxide

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Mixture contains Organic Peroxide

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		· · · ·
	Registration number		
dibenzoyl peroxide	94-36-0 202-327-6 617-008-00-0 01-2119511472-50	Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 45 - <= 52
		M-Factor (Acute	

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/ersion .4 DE / EN		Revision Date: 25.03.2024	Date of last issue: 27.02.2024 Date of first issue: 11.07.2022		
			aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10		
ethanediol		107-21-1 203-473-3 603-027-00-1 01-21194568	Acute Tox. 4; H302 STOT RE 2; H373 (Kidney)	>= 1 - < 10	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

 In the case of accident or if you feel unwell, seek medical advice immediately. Move out of dangerous area. Take off contaminated clothing and shoes immediately. Show this material safety data sheet to the doctor in attendance. First aider needs to protect himself.
: Move to fresh air. Get medical attention.
: Wash off immediately with soap and plenty of water. Call a physician if irritation persists.
 Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses. Consult a physician.
: Rinse mouth with water. Do NOT induce vomiting. Call a physician immediately.
s and effects, both acute and delayed
: May cause an allergic skin reaction. Causes serious eye irritation.
ate medical attention and special treatment needed
: Treat symptomatically.

5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO2)

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				Dry powder Water spray jet Alcohol-resistant f	ōam
	Unsuitable extinguishing media		:	High volume wate	r jet
5.2 \$	5.2 Special hazards arising from		the	substance or mix	kture
			:	Hazardous decom tions.	nposition products formed under fire condi-
5.3	Advice	for firefighters			
	-		:	Wear self-contain	ed breathing apparatus and protective suit.
	Further	information	:	Collect contamina must not be disch Fire residues and	o cool unopened containers. ted fire extinguishing water separately. This arged into drains. contaminated fire extinguishing water must accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

		Personal precautions	:	Wear personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Do not smoke. Avoid contact with skin, eyes and clothing. In the case of vapor formation use a respirator with an ap- proved filter.
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6.2 Environmental precautions

Environmental precautions	:	Do not flush into surface water or sanitary sewer system.
		Local authorities should be advised if significant spillages
		cannot be contained.

6.3 Methods and material for containment and cleaning up

Do not flush with water.

6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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7.3

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SECTION 7: Handling and storage

7.1 Precautions for safe handling Technical measures : Ensure that eyewash stations and safety showers are close to the workstation location. Advice on safe handling : Use only with adequate ventilation.

Advice on sale handling		 Disc only with adequate ventilation. Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment. Keep away from heat and sources of ignition. Handle and open container with care. Keep container tightly closed and dry. Never return unused material to storage receptacle. Risk of decomposition. Prevent contamination with readily oxidizable materials and polymerization accelerators. Avoid inhalation of vapor or mist. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid release to the environment.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight. Avoid shock and friction. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment.

7.2 Conditions for safe storage, including any incompatibilities

oblighter of the storage,	inc	
Requirements for storage areas and containers	:	Store in original container. Avoid letting the product become dry. Keep containers tightly closed in a cool, well-ventilated place. Store between 41 and 77 °F in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Advice on common storage	:	Keep away from food, drink and animal feedingstuffs. Keep away from reducing agents. Incompatible with acids and bases. Heavy metal compounds
Storage class (TRGS 510)	:	5.2
Recommended storage tem- perature	:	5 - 25 °C
Specific end use(s)		
Specific use(s)	:	No data available The rules which cover amongst other things the requirement for ventilation, protective clothing, personal protective equip- ment etc. can be obtained from the National Occupational

Health and Safety Board.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis			
dibenzoyl peroxide	94-36-0	AGW (Inhalable fraction)	5 mg/m3	DE TRGS 900			
	Peak-limit cat	egory: 1;(I)					
		MAK (measured	1 mg/m3	DE DFG MAK			
		as the alveolate fraction)					
		nation: Damage to th the BAT value is ob	e embryo or foetus is unlikely served	/ when the			
		MAK (inhalable fraction)	4 mg/m3	DE DFG MAK			
		nation: Damage to th the BAT value is ob	e embryo or foetus is unlikely served	/ when the			
ethanediol	107-21-1	STEL	40 ppm 104 mg/m3	2000/39/EC			
	Further inform skin, Indicativ	formation: Identifies the possibility of significant uptake throug ative					
		TWA	20 ppm 52 mg/m3	2000/39/EC			
Further information: Identifies the skin, Indicative				e through the			
		AGW (Vapour and aerosols)	10 ppm 26 mg/m3	DE TRGS 900			
	Peak-limit cat	Peak-limit category: 2;(I)					
	Further information: Skin absorption, When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child						
		MAK	10 ppm 26 mg/m3	DE DFG MAK			
	Further information: Danger of absorption through the skin, Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed						

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of expo- sure	Potential health ef- fects	Value
dibenzoyl peroxide	Consumers	Oral	Long-term systemic effects	2 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	13,3 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	39 mg/m3
ethanediol	Workers	Inhalation	Long-term local ef- fects	35 mg/m3
	Workers	Dermal	Long-term systemic effects	106 mg/kg

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		Consumers	Inhalation	Long-term local ef- fects	7 mg/m3	
		Consumers	Dermal	Long-term systemic effects	53 mg/kg	

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
dibenzoyl peroxide	Fresh water	0,00002 mg/l
	Intermittent use/release	0,000602 mg/l
	Sea water	0,000002 mg/l
	Fresh water sediment	0,0127 mg/kg dry weight (d.w.)
	Sea sediment	0,00127 mg/kg dry weight (d.w.)
	Soil	0,0025 mg/kg dry weight (d.w.)
	Sewage treatment plant (STP)	0,35 mg/l
ethanediol	Fresh water	10 mg/l
	Sea water	1 mg/l
	Intermittent use/release	10 mg/l
	Sewage treatment plant (STP)	199,5 mg/l
	Fresh water sediment	20,9 mg/kg
	Soil	1,53 mg/kg

8.2 Exposure controls

Personal protective equipm Eye/face protection	afety glasses with side-shields conf	orming to EN166
Hand protection Material	eoprene gloves	
Material Break through time Glove thickness Directive Protective index	trile rubber 30 min = 0,14 mm IN EN 374 ass 2	
Remarks	loves should be discarded and replation of degradation or chemical bre bout break through time/strength of lues! The exact break through time be obtained from the producer of the loce of an appropriate glove does r aterial but also on other quality feat on one producer to the other.	eakthrough. The data material are standard strength of material has ne protective glove. The not only depend on its
Skin and body protection	ease wear suitable protective clothi heat-resistant synthetic fibres. ong sleeved clothing	ng, e.g. made of cotton
Respiratory protection	oply technical measures to comply to posure limits.	with the occupational

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		limit they must	are facing concentrations above the exposure use appropriate certified respirators. lequate ventilation wear respiratory protection.
Filter type		: Combined par	ticulates and organic vapor type (A-P)
Protective measures		Ensure that ey located close t Avoid contact	o not eat, drink or smoke. /e flushing systems and safety showers are to the working place. with the skin and the eyes. adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	• •
Color	:	red
Odor	:	characteristic
Odor Threshold	:	not determined
Melting point/range	:	0 °C
Boiling point/boiling range	:	Not applicable
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Not applicable, Decomposition
Autoignition temperature	:	Not applicable
Self-Accelerating decomposi- tion temperature (SADT)	:	50 °C

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рН	: 4 - 5 (20 °C)	
Viscosity Viscosity, dynamic	: not determined	
Viscosity, kinematic	: not determined	
Solubility(ies) Water solubility	: insoluble	
Partition coefficient: n- octanol/water	: No data availabl	e
Vapor pressure	: 23 hPa (for a componen	t of this mixture)
Density	: 1,15 - 1,25 g/cm	3 (20 °C)
Relative vapor density	: not determined	
9.2 Other information		
Oxidizing properties	: Organic peroxide	e
	Sustains combu	stion
Organic peroxides	: Peroxide conten The substance c type E.	t: 50 % or mixture is an organic peroxide classified as

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if used as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	: Risk of decomposition.
	Reacts violently in contact with acids, amines, driers, polymer-
	ization accelerators and easily oxidized materials.

10.4 Conditions to avoid

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Conditions to avoid		Extremes Keep awa Contact w	oose to temperatures above: > 25 °C of temperature and direct sunlight. y from heat and sources of ignition. th incompatible substances can cause decomposi- below SADT.
10.5 Incor	mpatible materials		
Mater	rials to avoid		rs, strong acids and bases, heavy metals and al salts, reducing agents

10.6 Hazardous decomposition products

Irritant, caustic, flammable, noxious/toxic gases and vapours can develop in the case of fire and decomposition

SECTION 11: Toxicological information

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

Acute toxicity Not classified due to lack of da	ata.				
Product: Acute oral toxicity	:	Acute toxicity estimate: > 2.000 mg/kg			
		Method: Calculation method			
Components:					
dibenzoyl peroxide:					
Acute oral toxicity	:	LD50 Oral (Rat): > 2.000 mg/kg			
Acute inhalation toxicity	:	LC0 (Rat): > 24,3 mg/l Exposure time: 4 h			
ethanediol:					
Acute inhalation toxicity	:	LC50 (Rat): > 2,5 mg/l Exposure time: 6 h Test atmosphere: dust/mist			
Acute dermal toxicity	:	LD50 Dermal (Mouse): > 3.500 mg/kg			
Skin corrosion/irritation	nta				
Serious eye damage/eye irritation					
Causes serious eye irritation.					
Respiratory or skin sensitization					
Skin sensitization					
NAL					

May cause an allergic skin reaction.

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	Respiratory sensitization Not classified due to lack of	data.	
	Germ cell mutagenicity Not classified due to lack of	data.	
	Carcinogenicity Not classified due to lack of	data.	
	Reproductive toxicity Not classified due to lack of	data.	
	STOT-single exposure Not classified due to lack of	data.	
	STOT-repeated exposure Not classified due to lack of	data.	
9	Components:		
 -	ethanediol: Routes of exposure Target Organs Assessment		e or mixture is classified as specific target organ ated exposure, category 2.
	Aspiration toxicity Not classified due to lack of	data.	
<u>(</u>	Components:		
	ethanediol: No aspiration toxicity classit	ication	
11.2	Information on other haza	rds	
I	Endocrine disrupting pro	perties	

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

dibenzoyl peroxide:

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Т	oxicity	to fish	:	LC50 (Oncorhync Exposure time: 96 Method: OECD Te	
				NOEC (Oncorhyn Exposure time: 96	chus mykiss (rainbow trout)): 0,0316 mg/l s h
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
				NOEC (Daphnia n Exposure time: 48 Method: OECD Te	
	oxicity lants	to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD Te	
				NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
	/I-Facto city)	or (Acute aquatic tox-	:	10	
а		to daphnia and other invertebrates (Chron- ty)	:	EC10: 0,001 mg/l Exposure time: 21 Species: Daphnia Method: OECD Te	magna (Water flea)
	/I-Facto oxicity)	or (Chronic aquatic	:	10	
e	thane	diol:			
Т	oxicity	to fish	:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): > 72.860 mg/l 5 h
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
	oxicity lants	to algae/aquatic	:	NOEC (algae): > 7 Exposure time: 72 Method: OECD Te	2 h
	oxicity city)	to fish (Chronic tox-	:	NOEC: 15.380 mg Exposure time: 7 g Species: Pimepha	

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	ity to daphnia and other tic invertebrates (Chron- icity)	E	NOEC: 8.590 mg/ Exposure time: 7 c Species: Ceriodap	
12.2 Pers	istence and degradabi	lity		
Com	ponents:			
diber	nzoyl peroxide:			
Biode	egradability	E	Result: Readily bio Biodegradation: 7 Exposure time: 28 Method: OECD Te	′1 %
ethar	nediol:			
Biode	egradability	E	Result: Readily bio Biodegradation: 9 Exposure time: 10 Aethod: OECD Te	0 - 100 %
12.3 Bioa	ccumulative potential			
Com	ponents:			
Partit	nzoyl peroxide: ion coefficient: n- iol/water	: 10	og Pow: 3,2 (20 °	C)
otha	nediol:			
Partit	ion coefficient: n- ol/water	: 10	og Pow: -1,36 (25	э°С)
	i lity in soil ata available			
12.5 Resu	Ilts of PBT and vPvB a	ssess	ment	
<u>Prod</u>	uct:			
Asse	ssment	te V	o be either persis	xture contains no components considered tent, bioaccumulative and toxic (PBT), or d very bioaccumulative (vPvB) at levels of
12.6 Endo	ocrine disrupting prope	erties		
Prod	uct:			
Asse	ssment	e F	ered to have endo REACH Article 57	xture does not contain components consid- crine disrupting properties according to (f) or Commission Delegated regulation r Commission Regulation (EU) 2018/605 at

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		levels of 0.1%	6 or higher.			
12.7 Other	adverse effects					
Product: Additional ecological infor- mation		: No data avail	: No data available			
SECTION	13: Disposal cons	iderations				
13.1 Waste	e treatment methods					
Product		Do not dispos Do not empty tainer at haza	Do not mix waste streams during collection. Do not dispose of with domestic refuse. Do not empty into drains, dispose of this material and its con- tainer at hazardous or special waste collection point. Dispose of in accordance with local regulations.			
Contaminated packaging : Packaging that is not properly emptied must the unused product. Dispose of in accordance with local regulatio						
Waste	Code	16 05 06, lab hazardous sເ icals	Waste Codes are only suggestions: oratory chemicals, consisting of or containing ibstances, including mixtures of laboratory chem- roxides, for example hydrogen peroxide			

SECTION 14: Transport information

14.1 UN number or ID number

ADN	:	UN 3108
ADR	:	UN 3108
RID	:	UN 3108
IMDG	:	UN 3108
ΙΑΤΑ	:	UN 3108
14.2 UN proper shipping name		
ADN	:	ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide)
ADR	:	ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide)
RID	:	ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide)
IMDG	:	ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide)

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ΙΑΤΑ	: Organic peroxic (dibenzoyl pero				
14.3 Transport hazard class(es)					
	Class	Subsidiary risks			
ADN	: 5.2				
ADR	: 5.2				
RID	: 5.2				
IMDG	: 5.2				
ΙΑΤΑ	: 5.2	HEAT			
14.4 Packing group					
ADN Packing group Classification Code Labels	: Not assigned by : P1 : 5.2				
ADR Packing group Classification Code Labels Tunnel restriction code	: Not assigned by : P1 : 5.2 : (D)	regulation			
RID Packing group Classification Code Hazard Identification Number Labels	: P1	539			
IMDG Packing group : Not assigned by reg Labels : 5.2 EmS Code : F-J, S-R		/ regulation			
IATA (Cargo) Packing instruction (cargo : 570 aircraft)		/ regulation			
Packing group Labels		des, Keep Away From Heat			
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing group Labels	: 570 : Not assigned by : Organic Peroxic	/ regulation des, Keep Away From Heat			
14.5 Environmental hazards					
ADN Environmentally hazardous	: no				
ADR Environmentally hazardous	: no				

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RID

Environmentally hazardous : no IMDG Marine pollutant : yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing the market and use of certain dangerous substa mixtures and articles (Annex XVII)	•	lowii Num If yo	ditions of restriction for the fol- ng entries should be considered: hber on list 75 u intend to use this product as to ink, please contact your ven-
REACH - Candidate List of Substances of Very Concern for Authorization (Article 59).	High	Not	applicable
Regulation (EC) No 1005/2009 on substances the plete the ozone layer	hat de-	Not	applicable
Regulation (EU) 2019/1021 on persistent organi tants (recast)	c pollu-	Not	applicable
REACH - List of substances subject to authorisa (Annex XIV)	ation	Not	applicable
Seveso III: Directive 2012/18/EU of the Euro-P6b pean Parliament and of the Council on the control of major-accident hazards involving dangerous substances.			EACTIVE SUBSTANCES (TURES and ORGANIC DES
	E1 EI	NVIRO	NMENTAL HAZARDS
Water hazard class (Germa- : WGK 2 obvio ny) Classification			water V, Annex 1 (5.2)

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Other regulations:

BG-Merkblatt M001 beachten (German regulatory requirements) BGV B4 organische Peroxide. (German regulatory requirements)

Gefahrengruppe nach § 3 BGV B4: II (German regulatory requirements) § 5Abs. 4b : Derogation according to the Ordinance on the Prohibition of Chemicals (ChemVerbotsV)

The product is subject to the supply restrictions of the Ordinance on the Prohibition of Chemicals.

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

15.2 Chemical Safety Assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

SECTION 16: Other information

Full text of H-Statements

H241	:	Heating may cause a fire or explosion.
H302	:	Harmful if swallowed.
H317	:	May cause an allergic skin reaction.
H319	:	Causes serious eye irritation.
H373	:	May cause damage to organs through prolonged or repeated exposure if swallowed.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
Full text of other abbreviation	ons	
Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Irrit.	:	Eye irritation
Org. Perox.	:	Organic peroxides
Skin Sens.	:	Skin sensitization
STOT RE	:	Specific target organ toxicity - repeated exposure
2000/39/EC		Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
DE DFG MAK	:	
DE TRGS 900	:	Germany. TRGS 900 - Occupational exposure limit values.
2000/39/EC / TWA	:	Limit Value - eight hours
2000/39/EC / STEL		Short term exposure limit
DE DFG MAK / MAK		
DE TRGS 900 / AGW	:	Time Weighted Average

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information Classification of the mixture: Classification procedure:			
Org. Perox. E	H242	Based on product data or assessment	
Eye Irrit. 2	H319	Calculation method	
Skin Sens. 1	H317	Calculation method	
Aquatic Acute 1	H400	Calculation method	
Aquatic Chronic 1	H410	Calculation method	

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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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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