Printing date 02.04.2024

Version: 15 (replaces version 14)

**PERGAN** The Peroxide Company

Revision: 15.02.2023

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

· 1.1 Product identifier

**PEROXAN BP-40 LS** 

· Trade name:			
· 1.2 Relevant identified uses of the	ne substance or mixture and uses advised against		
	No further relevant information available.		
Application of the substance /			
the mixture	Reaction initiator		
	For industrial use		
· 1.3 Details of the supplier of the	safety data sheet		
· Manufacturer/Supplier:	PERGAN GmbH		
	Hilfsstoffe für industrielle Prozesse		
	Schlavenhorst 71		
	D-46395 Bocholt		
	Tel: +49 2871 9902-0		
	Fax: +49 2871 9902-50		
· Further information obtainable			
from:	Environment protection / Security of labour		
	Qualified person: E-mail: msds@pergan.com		
• 1.4 Emergency telephone			
number:	- Tel: +49 2871 9902-0		
CECTION OF Herende identifi	a dia m		

#### **SECTION 2: Hazards identification**

· 2.1 Classification of t			1272/2008
0	•	may cause a fire.	
		serious eye irritat	
Skin Sens. 1 H3	817 May cau	ise an allergic ski	n reaction.
STOT RE 2 H3	373 May cau	ise damage to the	e kidneys through prolonged or repeated exposure. Route of exposure: Oral.
	•	ic to aquatic life.	
•	•	•	vith long lasting effects.
<b>:</b>			
2.2 Label elements			
Labelling according		<del>.</del>	
Regulation (EC) No	1272/2008	The product is o	classified and labelled according to the CLP regulation.
· Hazard pictograms			
		GHS02 GHS07	GHS08 GHS09
o			
· Signal word		Warning	
· Hazard-determining	J		
components of labe	elling:	dibenzoyl perox	ide
		ethanediol	
<ul> <li>Hazard statements</li> </ul>		H242 Heating m	
			erious eye irritation.
			e an allergic skin reaction.
			e damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.
		,	to aquatic life with long lasting effects.
<ul> <li>Precautionary state</li> </ul>	ments	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
		P220	Keep away from dirt, rust, chemicals in particular concentrated acids, alkalis and
		1 220	accelerators (e. g. heavy metal compounds and amines).
		P234	Keep only in original packaging.
		P264	Wash thoroughly after handling.
		P273	Avoid release to the environment.
		P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing
			protection.
		P305+P351+P3	38 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
		<b>D</b> 440	present and easy to do. Continue rinsing.
		P410	Protect from sunlight.
		P411+P235 P420	Store at temperatures not exceeding +25°C. Keep cool.
		P420 P501	Store separately. Dispose of contents/container in accordance with local/regional/national/international
		1 501	regulations.
· 2.3 Other hazards			
· Results of PBT and	vPvB asses	sment	
· PBT:			in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
· vPvB:			in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
			(Contd. on page 2)
			——————————————————————————————————————

Printing date 02.04.2024

 Determination of endocrinedisrupting properties Version: 15 (replaces version 14)

The product does not contain substances with endocrine disrupting properties.



Revision: 15.02.2023

(Contd. of page 1)

### Trade name: PEROXAN BP-40 LS

SECTION 5. Composition	n/information on ingredients	
3.2 Mixtures		
· Dangerous components:		
CAS: 94-36-0 EINECS: 202-327-6 Index number: 617-008-00-0 Reg-No.: 01-2119511472-50		40-50%
CAS: 107-21-1 EINECS: 203-473-3 Index number: 603-027-00-1 Reg-No.: 01-2119456816-28	ethanediol STOT RE 2, H373; Acute Tox. 4, H302	25-30%

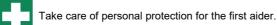
#### **SECTION 4: First aid measures**

· 4.1 Description of first aid measures

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

In case of unconsciousness place patient stably in side position for transportation.



After inhalation:

· General information:

· After skin contact:

· After eye contact:

· After swallowing:

- 4.2 Most important symptoms and effects, both acute and delayed
- 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Call for a doctor immediately.

Immediately remove contaminated clothing.

Supply fresh air and to be sure call for a doctor.

Take affected persons into fresh air and keep quiet.

Immediately wash with water and soap and rinse thoroughly.

No further relevant information available

#### **SECTION 5: Firefighting measures**

 5.1 Extinguishing media
 Suitable extinguishing agents:
 Use fire extinguishing methods suitable to surrounding conditions.
 5.2 Special hazards arising from the substance or mixture
 Under certain fire conditions, traces of other toxic gases cannot be excluded. Hydrocarbons, carbondioxide and -monoxid.
 5.3 Advice for firefighters
 Protective equipment:
 Do not inhale explosion gases or combustion gases.
 Cool endangered receptacles with water spray. Self-protection first!

#### SECTION 6: Accidental release measures

<ul> <li>6.1 Personal precautions, protective equipment and</li> </ul>	
emergency procedures	Keep away from ignition sources.
0 71	In case of further temperature should be cooled with waterspray from a safe distance.
	Wear breathing apparatus with filter A during decomposition of materials.
	Wear protective equipment. Keep unprotected persons away.
· 6.2 Environmental precautions:	Inform respective authorities in case of seepage into water course or sewage system.
	Dilute with plenty of water.
	Do not allow to enter sewers/ surface or ground water.
• • • • • • • • • • • • • • • • • • •	

6.3 Methods and material for containment and cleaning up: Dis

Dispose contaminated material as waste according to section 13.

Printing date 02.04.2024

Version: 15 (replaces version 14)

Revision: 15.02.2023

• )

The Peroxide Company

## Trade name: PEROXAN BP-40 LS

	(Contd. of page 2)
	Ensure adequate ventilation.
	Large quantities should be diluted with suitable desensitation agent to a concentration below 10 % before disposal.
	Soak up with absorbant material (e. g. Vermiculit) and dispose of in accordance with government regulations.
• 6.4 Reference to other sections	See Section 7 for information on safe handling.
	See Section 8 for information on personal protection equipment.
	See Section 13 for disposal information.
	In case of large spillage the environmental authority should be informed.

### SECTION 7: Handling and storage

• 7.1 Precautions for safe	
handling	Keep away from heat and direct sunlight.
	Open and handle receptacle with care. Prevent formation of aerosols.
	Wear suitable respiratory protective device when decanting larger quantities without extractor facilities.
	Do not refill residue into storage receptacles.
	Restrict the quantity stored at the work place.
	Before break and at the end of work hands should be thoroughly washed.
	Only use tools made of suitable materials (e. g. polyethylene or stainless steel).
	Keep away from dirt, rust, chemicals in particular concentrated acids, alkalis and accelerators (e. g. heavy-
	metal compounds and amines).
	While using do not eat, drink or smoke.
	Do not generate flames or sparks.
	Keep product and emptied container away from heat and sources of ignition. Avoid shock and friction.
	Take precautionary measures against static discharges.
	Do not smoke.
<ul> <li>Information about fire - and</li> </ul>	Deske sk forser ha sk
explosion protection:	Protect from heat. Protect against electrostatic charges.
	Prevent impact and friction.
	Use explosion-proof apparatus / fittings and spark-proof tools.
	Fumes can combine with air to form an explosive mixture.
	Wear shoes with conductive soles.
	Formation of flammable or explosive gas/air-mixtures is possible.
	Avoid open flames, sparks, direct sunlight and other sources of ignition.
	Keep ignition sources away - Do not smoke.
· 7.2 Conditions for safe storage,	
Storage:	Pay attention to the special requirements of your local autorithies for storing dangerous goods.
Requirements to be met by	
storerooms and receptacles:	Store only in the original receptacle.
	Prevent any seepage into the ground. Use only receptacles specifically permitted for this substance/product.
· Information about storage in	טיט טאון וטטטרמטובי ארטאראטארא אראיז א
one common storage facility:	Do not store or park organic peroxide together with heavy metal compounds and amines.
	Store away from foodstuffs, drinks and feeding stuffs.
• Further information about	-
storage conditions:	Keep container tightly sealed.
	Protect from heat and direct sunlight.
	Protect from contamination.
Recommended storage	Storage in a collecting room is required.
temperature (To maintain	
quality):	+5 +30 °C
· Storage class:	5.2
7.3 Specific end use(s)	No further relevant information available.
	MT

(Contd. on page 4)

Printing date 02.04.2024

Version: 15 (replaces version 14)



Revision: 15.02.2023

(Contd. of page 3)

## Trade name: PEROXAN BP-40 LS

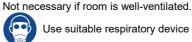
Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working. Use skin protection cream for skin protection.

Filter A2

Be sure to clean skin thoroughly after work and before breaks.

SECTION 8: E	xposu	re controls/personal protection		
· 8.1 Control para	ameters			
Ingredients wit	th limit v	values that require monitoring at the workplace:		
94-36-0 dibenzo	yl pero	xide		
WEL (Great Brita	ain) Lon	ng-term value: 5 mg/m³		
107-21-1 ethane	diol			
IOELV (EU) Short-term value: 104 mg/m³, 40 ppm Long-term value: 52 mg/m³, 20 ppm Skin WEL (Great Britain) Short-term value: 104** mg/m³, 40** ppm Long-term value: 10* 52** mg/m³ - 20** ppm		ng-term value: 52 mg/m³, 20 ppm n prt-term value: 104** mg/m³, 40** ppm ng-term value: 10* 52** mg/m³, 20** ppm		
	Sk	*particulate **vapour		
·DNELs				
94-36-0 dibenzo				
Oral DNEL	Longte	rm System 2 mg/kg bw/day (General population)		
Dermal DNEL	Longte	rm System 13,3 mg/kg bw/day (Worker)		
	•	rm System 39 mg/m3 (Worker)		
107-21-1 ethanediol				
	•	rm System 106 mg/kg bw/day (Worker)		
Inhalative DNEL	Longte	rm Local 35 mg/m3 (Worker)		
· PNECs				
94-36-0 dibenzo	yl pero	xide		
PNEC Marinewa	ter sed	0,001 mg/kg sed dw		
PNEC Freshwate	er	0,00002 mg/l (AF 50)		
PNEC Freshwate	er sed	d 0,013 mg/kg sed dw		
PNEC STP		0,35 mg/l		
PNEC Marinewa		0,000002 mg/l (AF 500)		
107-21-1 ethane				
		3,7 mg/kg sed dw (-)		
PNEC Freshwater 10 mg/l (AF 10)				
PNEC Freshwater sed 37 mg/kg sed dw (-)				
PNEC STP 199,5 mg/l (AF 10)				
PNEC Marinewa		1 mg/l (AF 100)		
· Additional info	ormatio	<b>n:</b> The lists valid during the making were used as basis.		
<ul> <li>8.2 Exposure controls</li> </ul>		ng No further data; see section 7.		
· Individual prot		neasures, such as personal protective equipment		
General prote				
nygienic meas	hygienic measures:       The usual precautionary measures are to be adhered to when handling chemicals.         Keep away from foodstuffs, beverages and feed.       Immediately remove all soiled and contaminated clothing         Wash hands before breaks and at the end of work.       Store protective clothing separately.			
		Avoid close or long term contact with the skin.		

· Respiratory protection:



Use suitable respiratory device when it exceed exposure limit and when insufficiently ventilated.

· Hand protection



Only use chemical-protective gloves with CE-labelling of category III. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Protective gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of guality and varies from manufacturer to manufacturer. Butyl rubber, BR Fluorocarbon rubber (Viton)

Printing date 02.04.2024

· Desensitised explosives

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Version: 15 (replaces version 14)

Revision: 15.02.2023

• 2 

The Peroxide Company

ſ

# Trade name: PEROXAN BP-40 LS

	Nitrile rubber, NBR	(Contd. of page
Demotration time of allows	Neoprene	
<ul> <li>Penetration time of glove material</li> </ul>	The exact break trough time h observed.	has to be found out by the manufacturer of the protective gloves and has to b
Eye/face protection	Tightly sealed goggle	95
Body protection:	Protective work clothi	ing
SECTION 9: Physical and cl	hemical properties	
9.1 Information on basic physic		
General Information		NA (1, 24 -
· Colour:		White
· Odour:		Characteristic
Odour threshold:		Not determined.
Melting point/freezing point:		Not applicable.
<ul> <li>Boiling point or initial boiling</li> </ul>	, point and boiling range	Not applicable.
· Flammability		Not applicable.
<ul> <li>Lower and upper explosion li</li> </ul>	imit	
· Lower:		Not determined.
· Upper:		Not determined.
Flash point:		> SADT
Decomposition temperature:		> +60 °C (SADT)
PH		Not determined.
Viscosity:		
· Kinematic viscosity		Not determined.
· Dynamic at 20 °C:		500 - 1500 mPas
· Solubility		500 - 1500 meas
		Line da forma la cal
· water:		Undetermined.
Partition coefficient n-octano	l/water (log value)	not determined
· Vapour pressure:		Not determined.
<ul> <li>Density and/or relative densit</li> </ul>	iy	
· Density:		Not determined.
Relative density		Not determined.
Vapour density		Not determined.
9.2 Other information		No further relevant information available.
Appearance:		
· Form:		Suspension
Important information on prot	tection of health and environme	
and on safety.		
· Ignition temperature:		Product is not selfigniting.
· Explosive properties:		Product does not present an explosion hazard.
Change in condition		Not determined.
•		Not determined.
Information with regard to phy	ysical hazard classes	
· Explosives		Void
· Flammable gases		Void
Aerosols		Void
· Oxidising gases		Void
Gases under pressure		Void
Flammable liquids		Void
· Flammable solids		Void
· Self-reactive substances and	mixtures	Void
· Pyrophoric liquids		Void
· Pyrophoric solids		Void
	mixtures	Void
Self-heating substances and		VUIU
Substances and mixtures, wh	lich emit flammable gases in	N7 11
contact with water		Void
· Oxidising liquids		Void
<ul> <li>Oxidising solids</li> </ul>		Void
Organic peroxides		Heating may cause a fire.
Corrosive to metals		Void
Desensitised explosives		Void

Void

Printing date 02.04.2024

Version: 15 (replaces version 14)



Revision: 15.02.2023

## Trade name: PEROXAN BP-40 LS

	(Contd. of page
<ul> <li>Other safety characteristics</li> <li>Active oxygen</li> </ul>	2,6 - 2,7 %
SECTION 10: Stability and re	eactivity
10.1 Reactivity 10.2 Chemical stability · Thermal decomposition /	No further relevant information available.
conditions to be avoided:	SADT (Self Accelerating Decomposition Temperature) is the lowest temperature at which self accelerating decomposition may occur with substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be cause decomposition at and above the temperature. Contact with incompatible substances can cause decomposition at or below the SADT. No decomposition if used and stored according to specifications. To avoid thermal decomposition do not overheat.
10.3 Possibility of hazardous	
reactions	Self-accelerating decomposition at SADT.
10.4 Conditions to avoid	No further relevant information available.
10.5 Incompatible materials:	Rapid decomposition by dirt, rust, chemicals in particular concentrated acids, alkalis and accelerators (e. heavy-metal compounds and amines).
10.6 Hazardous decomposition	
products:	Hydrocarbons, carbondioxide and -monoxid. No hazardous decomposition products if used and stored according to specifications.
· Additional information:	Emergency procedures will vary depending on conditions. The customer should have an emergency response plane in place.

### **SECTION 11: Toxicological information**

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

· Acute toxicity	Based on available data, the classification criteria are not met.		
· LD/LC50 values relevant for cla	assification:		
94-36-0 dibenzoyl peroxide			
Oral LD50 >5.000 mg/kg (rattus)			
107-21-1 ethanediol			
Oral LD50 4.000 mg/kg (rattus	3)		
Dermal LD50 ~10.600 mg/kg (rat	bbit)		
Skin corrosion/irritation	Based on available data, the classification criteria are not met.		
· Serious eye damage/irritation	Causes serious eye irritation.		
Respiratory or skin			
sensitisation	May cause an allergic skin reaction.		
Germ cell mutagenicity	Based on available data, the classification criteria are not met.		
<ul> <li>Carcinogenicity</li> </ul>	Based on available data, the classification criteria are not met.		
Reproductive toxicity	Based on available data, the classification criteria are not met.		
STOT-single exposure	Based on available data, the classification criteria are not met.		
STOT-repeated exposure	May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.		
Aspiration hazard	Based on available data, the classification criteria are not met.		
11.2 Information on other hazard	is		
<ul> <li>Endocrine disrupting properties</li> </ul>	5		
None of the ingredients is listed.			

### **SECTION 12: Ecological information**

· 12.1 Toxicit	
<ul> <li>Aquatic tox</li> </ul>	cicity:
94-36-0 dibe	enzoyl peroxide
EC50 / 72h	0,0711 mg/l (pseudokirchneriella subcapitata)
LC50 / 96h	0,0602 mg/l (oncorhynchus mykiss)
EC50 / 48h	110 mg/l (daphnia)
107-21-1 eth	nanediol
LC50 / 96h	18.500 mg/l (oncorhynchus mykiss)
EC50 / 48h	>10.000 mg/l (daphnia)
	(Contd. on page 7)

MT –

Printing date 02.04.2024

Version: 15 (replaces version 14)

Revision: 15.02.2023

• )

The Peroxide Company

## Trade name: PEROXAN BP-40 LS

		(Contd. of page 6
EC50 / 96h 6.500-7.500 mg/l (	pseudokirchneriella subcapitata)	
NOEL / 48h 10 mg/l		
12.2 Persistence and degrada	bility	
Degree of elimination:		
· Classification:		
94-36-0 dibenzoyl peroxide		
Degradation (Readily biodegra	dable) (OECD 301 D)	
107-21-1 ethanediol		
Degradation (Readily biodegra	dable) (OECD 301 C)	
· 12.3 Bioaccumulative potentia	al	
· Partition coefficient: nOctan	ol/water: [Log Kow]	
94-36-0 dibenzoyl peroxide		3,2 (20 °C)
107-21-1 ethanediol		-1,36 (25°C)
12.4 Mobility in soil	No further relevant information available.	!
12.5 Results of PBT and vPvB	assessment	
· PBT:	The substances in the mixture do not meet the PBT/vPvB criteria according to REACH,	
· vPvB:	The substances in the mixture do not meet the PBT/vPvB criteria according to REACH,	annex XIII.
· 12.6 Endocrine disrupting	The wardwat data and contain substances with and comparised in water ware with	
properties · 12.7 Other adverse effects	The product does not contain substances with endocrine disrupting properties. No further relevant information available	
· Remark:	Very toxic for fish	
· Additional ecological information		
· General notes:	Also poisonous for fish and plankton in water bodies.	
	Very toxic for aquatic organisms	
	Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water	
	Do not allow product to reach ground water, water course or sewage system.	
	Danger to drinking water if even small quantities leak into the ground.	

### SECTION 13: Disposal considerations

• Recommendation • Waste disposal key:	After diluting with a suitable desentisation agent to 10 %, the solution must be supplied to a special treatment (e. g. thermal utilization) under observance of all official regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system. Please contact your hazardous waste disposers to assign the right EWC-(European waste catalog)- number.	
<ul> <li>Uncleaned packaging:</li> <li>Recommendation:</li> <li>Recommended cleansing</li></ul>	This material and its container must be disposed of as hazardous waste.	
agents:	Water, if necessary together with cleansing agents.	

SECTION 14: Transport information	
<ul> <li>· 14.1 UN number or ID number</li> <li>· ADR, IMDG, IATA</li> </ul>	UN3107
· 14.2 UN proper shipping name	
ADR	UN3107 ORGANIC PEROXIDE TYPE E, LIQUID (DIBENZOYL PEROXIDE), ENVIRONMENTALLY HAZARDOUS
·IMDG	ORGANIC PEROXIDE TYPE E, LIQUID (DIBENZOYL PEROXIDE), MARINE POLLUTANT
	ORGANIC PEROXIDE TYPE E, LIQUID (DIBENZOYL PEROXIDE)
· 14.3 Transport hazard class(es)	
ADR	
Class	5.2 (P1) Organic peroxides.
	(Contd. on page
	MT

Printing date 02.04.2024

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Version: 15 (replaces version 14)



Revision: 15.02.2023

## Trade name: PEROXAN BP-40 LS

	(Contd. of page
·Label	5.2
IMDG	
· Class · Label	5.2 Organic peroxides. 5.2
·IATA	
<b>.</b>	
· Class	5.2 Organic peroxides.
· Label	5.2
14.4 Packing group	
· ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Product contains environmentally hazardous substances: DIBENZOYL PEROXIDE
Marine pollutant:	Symbol (fish and tree) Symbol (fish and tree)
Special marking (ADR):	
14.6 Special precautions for user · Hazard identification number (Kemler code):	Warning: Organic peroxides.
· Stowage Category	D
· Stowage Code	SW1 Protected from sources of heat.
· Segregation Code	SG35 Stow "separated from" SGG1-acids
	SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2.
14.7 Maritime transport in bulk according to IMO instr	
Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	125 ml
Excepted quantities (EQ)	Code: E0
Transport astarau	Not permitted as Excepted Quantity
<ul> <li>Transport category</li> <li>Tunnel restriction code</li> </ul>	2 D
· RID / GGVSEB:	like ADR
·IMDG	
· Limited quantities (LQ)	125 ml
· Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity

#### **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · Directive 2012/18/EU · Named dangerous substances - ANNEX I None of the ingredients is listed. Seveso category P6b SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES E1 Hazardous to the Aquatic Environment · Qualifying quantity (tonnes) for the application of lower-tier requirements 50 t Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t **REGULATION (EC) No** 1907/2006 ANNEX XVII Conditions of restriction: 3 • DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex ш None of the ingredients is listed. (Contd. on page 9)

Printing date 02.04.2024

Version: 15 (replaces version 14)

Revision: 15.02.2023

The Peroxide Company

C

# Trade name: PEROXAN BP-40 LS

REGULATION (EU) 2019/1148	(Contd. of pag
Annex I - RESTRICTED EXPLO	OSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.	
Annex II - REPORTABLE EXPL	-OSIVES PRECURSORS
None of the ingredients is listed.	
Regulation (EC) No 273/2004 c	on drug precursors
None of the ingredients is listed.	
Regulation (EC) No 111/2005 la precursors	aying down rules for the monitoring of trade between the Community and third countries in drug
None of the ingredients is listed.	
SECTION 16: Other informat	ion
This information is based on our p not establish a legally valid contra	present knowledge. However, this shall not constitute a guarantee for any specific product features and sha actual relationship.
Department issuing SDS: Contact:	Environment protection / Security of labour Tel: +49 2871 9902-0 E-mail: mail@pergan.com
Version number of previous version:	14
Abbreviations and acronyms:	<ul> <li>RD: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)</li> <li>ICAO: International Civil Aviation Organisation</li> <li>ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)</li> <li>IMDG: International Air Transport Association</li> <li>GHS: Globally Harmonised System of Classification and Labelling of Chemicals</li> <li>EINECS: European List of Notified Chemical Substances</li> <li>CLINCS: European List of Notified Chemical Substances</li> <li>CAS: Chemical Abstracts Service (division of the American Chemical Society)</li> <li>DNEL: Derived No-Effect Level (REACH)</li> <li>PNEC: Predicted No-Effect Concentration (REACH)</li> <li>LC50: Lethal concentration, 50 percent</li> <li>LD50: Lethal dose, 50 percent</li> <li>PBT: Persistent, Bioaccumulative and Toxic</li> <li>vPVB: very Persistent and very Bioaccumulative</li> <li>Org. Perox. B: Organic peroxides – Type B</li> <li>Org. Perox. B: Organic peroxides – Type B/F</li> <li>Acute Tox. 4: Acute toxicity – Category 4</li> <li>Eye Irrit. 2: Serious eye damage/eye irritation – Category 2</li> <li>Skin Sens. 1: Skin sensitisation – Category 1</li> </ul>
	SKIN Seris. I: Skin serisinsation – Category 1 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1