

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

- **1.1 Product identifier**
- **Trade name:** BPO-Paste rot
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Not determined
- **Application of the substance / the mixture** Hardening agent/ Curing agent
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
A.Förster & Co.KG
Esinger Steinweg 50
25436 Uetersen
Phone: +49 (0) 4122-3682; e-mail: info@foerster-co.de
- **Further information obtainable from:** Phone: +49 (0) 4122-3682; e-mail: info@foerster-co.de
- **1.4 Emergency telephone number:**
Gif tinformationszentrum (GIZ)-Nord, Goettingen, Deutschland
Phone: +49 (0)551 19240

1.5 Distributed By:

Sydney Automotive Paint and Equipment
Unit A3, 366 Edgar Street
Condell Park
NSW 2200
Australia
Tel: +61 2 9772 9000
Email: reception@sape.com.au

Emergency telephone: AU Poison Information Centre 13 11 26
General medical information: +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)
Transport information: +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Org. Perox. E H242 Heating may cause a fire.



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07 GHS09

- **Signal word** Warning
- **Hazard-determining components of labelling:**
dibenzoyl peroxide
- **Hazard statements**
H242 Heating may cause a fire.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P220 Keep apart from dirt, rust, chemicals, especially reducing substances, acids, alkaline solutions, amines and heavy metal compounds (such as accelerator, dessicative, metal soaps).
P273 Avoid release to the environment.
P234 Keep only in original container.
P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/attention if you feel unwell.
P302+P352 **IF ON SKIN:** Wash with plenty of soap and water.
P410 Protect from sunlight.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards**
Flammable.
Risk of fire on contact with combustible substances or other substances effective in promoting the decomposition reaction.
Fire propagating effect due to oxygen release.
Thermal decomposition with temperatures above 50 °C (SADT)
Pls. refer to section 10
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

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· Dangerous components:		
CAS: 94-36-0 EINECS: 202-327-6 Reg.nr.: 01-2119511472-50	<i>dibenzoyl peroxide</i> ⚠️⚠️ <i>Org. Perox. B, H241</i> ; ⚠️ <i>Aquatic Acute 1, H400 (M=10)</i> ; <i>Aquatic Chronic 1, H410 (M=10)</i> ; ⚠️ <i>Eye Irrit. 2, H319</i> ; <i>Skin Sens. 1, H317</i>	45-52%
CAS: 131-11-3 EINECS: 205-011-6 Reg.nr.: 01-2119437229-36	<i>dimethyl phthalate</i> <i>substance with a Community workplace exposure limit</i>	25-35%
CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 02-2119752517-33 01-2119456816-28	<i>ethanediol</i> ⚠️ <i>STOT RE 2, H373</i> ; ⚠️ <i>Acute Tox. 4, H302</i>	1.0-<10%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:**

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

Personal protection for the First Aider.

Take affected persons out of danger area and lay down.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Immediately remove any clothing soiled by the product.

· **After inhalation:**

Remove person to fresh air and keep comfortable for breathing.

Supply fresh air or oxygen; call for doctor.

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

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Hazchem: 1W

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the product promotes combustion.

May decompose explosively in absence of fire due to formation of vapour-air-mixture.

· **5.3 Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

· **Additional information**

Remove undamaged containers from the danger zone.

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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*Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.***SECTION 6: Accidental release measures****· 6.1 Personal precautions, protective equipment and emergency procedures***Wear protective equipment. Keep unprotected persons away.**Ensure adequate ventilation**Use suitable respiratory protective device in case of insufficient ventilation.**Avoid contact with the eyes and skin.**Keep away from ignition sources.**Pls. refer to section 10***· 6.2 Environmental precautions:***Inform respective authorities in case of seepage into water course or sewage system.**Do not allow to enter sewers/ surface or ground water.***· 6.3 Methods and material for containment and cleaning up:***Collect with an inert, non-combustible, absorbent material (i.e. sand, diatomaceous earth, acid binder, universal binder).**Do not seal receptacle gas tight.**Pls. refer to section 10***· 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.***SECTION 7: Handling and storage****· 7.1 Precautions for safe handling***Keep receptacles tightly sealed.**Open and handle receptacle with care.**Do not return unused material to original containers – decomposition hazard!**Restrict the quantity stored at the work place.**Resistant to inert materials only.**Suitable materials: Stainless steel (DIN 1.4571), PVC, polyethylene, glass-lined apparatus.**Keep apart from dirt, rust, chemicals, especially reducing substances, acids, alkaline solutions, amines and heavy metal compounds (such as accelerator, desiccative, metal soaps). Avoid naked flames, sparks, other ignition sources and sunlight.**Do not mix with accelerators or reducing agents.**Weigh out and mix separately when processing polyester resins.**Avoid storage in containers with an airtight closure to prevent hazardous pressure build-up due to an eventual decomposition.**Avoid contact with the eyes and skin.**Ensure good ventilation/exhaustion at the workplace.**Do not inhale gases / fumes / aerosols.**Adhere to the workplace limit values and / or other threshold values.**Avoid release to the environment.***· Information about fire - and explosion protection:***Protect from heat.**Protect from sunlight.**Keep ignition sources away - Do not smoke.**Prevent impact and friction.**Thermal decomposition with temperatures above 50 °C under formation of explosive vapours/gases**Avoid naked flames, sparks, other ignition sources and sunlight.**Protect against electrostatic charges.**Anti-explosion protection required**Fumes can combine with air to form an explosive mixture.**Fire propagating effect due to oxygen release.**Keep apart from incompatible substances, dirt and high temperatures.*

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Pls. refer to section 10

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
Prevent any seepage into the ground.
Adhere to the provisions of the Law on Water Protection.
Use only receptacles specifically permitted for this substance/product.
- **Information about storage in one common storage facility:**
Keep apart from other chemicals, in particular from accelerators.
Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Protect from contamination.
Store under lock and key and out of the reach of children.
- **Maximum storage temperature:** +25 °C
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace:

94-36-0 dibenzoyl peroxide

WEL (Great Britain) Long-term value: 5 mg/m³

131-11-3 dimethyl phthalate

WEL (Great Britain) Short-term value: 10 mg/m³
Long-term value: 5 mg/m³

107-21-1 ethanediol

WEL (Great Britain) Short-term value: 104** mg/m³, 40** ppm
Long-term value: 10* 52** mg/m³, 20** ppm
Sk *particulate **vapour

IOELV (EU) Short-term value: 104 mg/m³, 40 ppm
Long-term value: 52 mg/m³, 20 ppm
Skin

DNELs

94-36-0 dibenzoyl peroxide

Oral	Long-term exposure - systemic effects	1.65 mg/kg bw/day (general population)
Dermal	Long-term exposure - systemic effects	3.3 mg/kg bw/day (general population) 6.6 mg/kg bw/day (worker)
Inhalative	Long-term exposure - systemic effects	2.9 mg/m ³ (general population) 11.75 mg/m ³ (worker)

131-11-3 dimethyl phthalate

Oral	Long-term exposure - systemic effects	25 mg/kg bw/day (general population)
Dermal	Long-term exposure - systemic effects	60 mg/kg bw/day (general population) 100 mg/kg bw/day (worker)
Inhalative	Long-term exposure - systemic effects	87 mg/m ³ (general population) 294 mg/m ³ (worker)

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107-21-1 ethanediol

<i>Dermal</i>	<i>Long-term exposure - systemic effects</i>	53 mg/kg bw/day (general population) 106 mg/kg bw/day (worker)
<i>Inhalative</i>	<i>Long-term exposure - local effects</i>	7 mg/m ³ (general population) 35 mg/m ³ (worker)

· **PNECs**

94-36-0 dibenzoyl peroxide

<i>PNEC aqua</i>	0.000602 mg/l (freshwater) 0.000602 mg/l (marine water) 0.000602 mg/l (intermittent releases)
<i>PNEC sediment</i>	0.338 mg/kg (freshwater) 0.0338 mg/kg (marine water)
<i>PNEC STP</i>	0.35 mg/l
<i>PNEC soil</i>	0.0758 mg/kg (soil dw)

131-11-3 dimethyl phthalate

<i>PNEC aqua</i>	0.192 mg/l (freshwater) 0.0192 mg/l (marine water)
<i>PNEC sediment</i>	1403 mg/kg (freshwater)
<i>PNEC STP</i>	4 mg/l
<i>PNEC soil</i>	3.16 mg/kg (soil dw)

107-21-1 ethanediol

<i>PNEC aqua</i>	10 mg/l (freshwater) 1 mg/l (marine water) 10 mg/l (intermittent releases)
<i>PNEC sediment</i>	20.9 mg/kg (freshwater)
<i>PNEC STP</i>	199.5 mg/l
<i>PNEC soil</i>	1.53 mg/kg

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Do not eat, drink, smoke or sniff while working.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Contaminated work clothing should not be allowed out of the workplace.

Take off contaminated clothing.

Use skin protection cream for skin protection.

If skin irritation occurs: Get medical advice/attention.

· **Respiratory protection:**

Adhere to the workplace limit values and / or other threshold values.

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A/P2

· **Protection of hands:**



Protective gloves

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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Neoprene gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.14 mm

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the mixture of chemicals mentioned below the penetration time has to be at least 30 minutes (Permeation according to EN 374 Part 3: Level 2).

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Pasty
Colour: According to product specification
Odour: Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** > 50 °C

· **Ignition temperature:** Not applicable

· **Decomposition temperature:** 50 °C (SADT)

· **Self-igniting:** Pls. refer to section 10

· **Danger of explosion:** Pls. refer to section 10

· **Density at 20 °C:** $\sim 1.1-1.2$ g/cm³

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **9.2 Other information**

No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No decomposition if used and stored according to specifications.

· **10.2 Chemical stability**

Resistant to inert materials only.

Suitable materials: Stainless steel (DIN 1.4571), PVC, polyethylene, glass-lined apparatus.

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10.3 Possibility of hazardous reactions

Thermal decomposition or direct contact with numerous additives, such as reducing agents (i.e. amine accelerator), heavy metal compounds (in particular cobalt accelerators), acids and alkaline solutions, may lead to hazardous, autoaccelerating decomposition reactions, and possibly, to explosion or fire.

10.4 Conditions to avoid

Avoid naked flames, sparks, other ignition sources and sunlight.

Protect from heat.

>25 °C

To avoid thermal decomposition do not overheat.

Thermal decomposition with temperatures above 50 °C (SADT)

10.5 Incompatible materials:

Keep apart from dirt, rust, chemicals, especially reducing substances, acids, alkaline solutions, amines and heavy metal compounds such as accelerator, desiccative, metal soaps)

Avoid any direct contact with accelerators.

10.6 Hazardous decomposition products:

Formation of various organic degradation products and inflammable and explosive vapours/gases upon decomposition.

Danger of forming toxic pyrolysis products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

94-36-0 dibenzoyl peroxide

Oral	LD50	>5000 mg/kg (rat)
Inhalative	LC0 /4h	24.3 mg/l (rat)

131-11-3 dimethyl phthalate

Oral	LD 50	>2400 mg/kg (rat)
Dermal	LD50	> 10000 mg/kg (rabbit)
Inhalative	LC50 /6h	9.3 mg/l

107-21-1 ethanediol

Oral	LD50	5840 mg/kg (rat)
Dermal	LD50	9530 mg/kg (rabbit)
Inhalative	LC50 /6h	> 2.5 mg/l (rat) (Aerosol)

Primary irritant effect:

Skin corrosion/irritation Generally the product does not irritate the skin.

Serious eye damage/irritation

Causes serious eye irritation.

Subacute to chronic toxicity:

131-11-3 dimethyl phthalate

Oral	NOAEL	1000 mg/kg (rat) (bw/day, 24 month)
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Additional toxicological information: No further relevant information available.

Sensitisation

Sensitisation possible through skin contact.

May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity No further relevant information available.

Reproductive toxicity/Fertility No further relevant information available.

Reproductive toxicity/Teratogenicity

131-11-3 dimethyl phthalate

Oral	NOAEL (developmental toxicity)	3570 mg/kg (rat) (OECD 414)
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NOAEL (maternally)	840 mg/kg (rat) (OECD 414)
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- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** 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** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

94-36-0 dibenzoyl peroxide

<i>M Factor</i>	10 (acute) 10 (chronic)
<i>EC10</i>	0.001 mg/l (daphnia magna) (21d)
<i>EC50/48h</i>	0.11 mg/l (daphnia) (OECD TG 202)
<i>EC50/72h</i>	0.0711 mg/l (algae) (OECD TG 201)
<i>LC50/96h</i>	0.0602 mg/l (oncorhynchus mykiss) (OECD TG 203)
<i>NOEC</i>	0.02 mg/l (Pseudokirchneriella subcapitata) (72h) 0.0316 mg/l (fish) (96h)

131-11-3 dimethyl phthalate

<i>EC10/72h</i>	193.09 mg/l (desmodesmus subspicatus)
<i>EC50/48h</i>	33 mg/l (daphnia magna)
<i>EC50/72h</i>	259.76 mg/l (desmodesmus subspicatus)
<i>EC50/96h</i>	39.9 mg/l (algae) (Raphidocelis subcapitata)
<i>LC50/96h</i>	50 mg/l (Lepomis macrochirus) 39 mg/l (pimephales promelas)
<i>NOEC</i>	9.6 mg/l (daphnia magna) (21 d) 11 mg/l (oncorhynchus mykiss) (102 d)

107-21-1 ethanediol

<i>EC50</i>	10000 mg/l (pseudomonas putida) (16h)
<i>EC50/48h</i>	> 10000 mg/l (daphnia magna)
<i>EC50/96h</i>	6500-7500 mg/l (Pseudokirchneriella subcapitata)
<i>LC50/96h</i>	18500 mg/l (oncorhynchus mykiss)

· **12.2 Persistence and degradability**

94-36-0 dibenzoyl peroxide

Biodegradation 71 % (28 d, OECD TG 301 D)

131-11-3 dimethyl phthalate

Biodegradation 96-98 % (28d, OECD 301 E)

107-21-1 ethanediol

<i>BSB (BOD)</i>	1245 mg/g
<i>Biodegradation</i>	56 % (OECD 301 C (28h))

· **12.3 Bioaccumulative potential**

94-36-0 dibenzoyl peroxide

<i>log Kow</i>	3.2 (OECD TG 117)
<i>BCF</i>	66.6

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131-11-3 dimethyl phthalate

log Kow 1.56 (OECD 107)

BCF 57 (Lepomis macrochirus) (21 day, OECD 305)

107-21-1 ethanediol

log Pow -1.34

Behaviour in environmental systems:

12.4 Mobility in soil

94-36-0 dibenzoyl peroxide

log Koc 3.8 (OECD TGD 121)

131-11-3 dimethyl phthalate

log Koc 1.57

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

Dilute product with suitable inert liquid to a peroxide concentration below 10% and subsequently dispose of according to the refuse disposal act.

Waste disposal key:

The waste codes given above are to be considered recommendations; because of regional and industrial sector specific features, application of different waste codes is possible.

European waste catalogue

16 05 06	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
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Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA

UN3108

14.2 UN proper shipping name

ADR

3108 ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide), ENVIRONMENTALLY HAZARDOUS

IMDG

ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide), MARINE POLLUTANT

IATA

ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide)

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· **14.3 Transport hazard class(es)**

Hazchem: 1W

· **ADR, IMDG**



· **Class**

5.2 Organic peroxides.

· **Label**

5.2

· **IATA**



· **Class**

5.2 Organic peroxides.

· **Label**

5.2

· **14.4 Packing group**

· **ADR, IMDG, IATA**

Void

· **14.5 Environmental hazards:**

· **Marine pollutant:**

Symbol (fish and tree)

· **Special marking (ADR):**

Symbol (fish and tree)

· **14.6 Special precautions for user**

Warning: Organic peroxides.

· **EMS Number:**

F-J,S-R

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

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)**

500 g

· **Transport category**

2

· **Tunnel restriction code**

D

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

· **National regulations:**

· **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· Relevant phrases

- 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.*
- H400 Very toxic to aquatic life.*
- H410 Very toxic to aquatic life with long lasting effects.*

· Abbreviations and acronyms:

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*
- IMDG: International Maritime Code for Dangerous Goods*
- IATA: International Air Transport Association*
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals*
- EINECS: European Inventory of Existing Commercial Chemical Substances*
- ELINCS: European List of Notified Chemical Substances*
- CAS: Chemical Abstracts Service (division of the American Chemical Society)*
- DNEL: Derived No-Effect Level (REACH)*
- PNEC: Predicted No-Effect Concentration (REACH)*
- LC50: Lethal concentration, 50 percent*
- LD50: Lethal dose, 50 percent*
- PBT: Persistent, Bioaccumulative and Toxic*
- vPvB: very Persistent and very Bioaccumulative*
- Org. Perox. B: Organic peroxides – Type B*
- Org. Perox. E: Organic peroxides – Type E/F*
- Acute Tox. 4: Acute toxicity – Category 4*
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*
- Skin Sens. 1: Skin sensitisation – 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*

· * Data compared to the previous version altered.

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