

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 1/13

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

· **1.1 Product identifier**

· **Trade name: Polimar FCS Catalyst - New Version (2019)**

· **Article number:** MW750113 **UFI Code:** RJE0-95FU-M207-C661

· **1.2 Relevant identified uses of the substance or mixture and uses advised against** See Section 16

· **Application of the substance / the mixture** Hardening agent/ Curing agent

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

IKO PLC
Appley Lane North
Appley Bridge
Wigan
Lancashire
WN6 9AB

· **Further information obtainable from:**

Manufacturers OHS Department
Mr. Wayne Chissell
+44 7725 940 678
Email: wayne.chissell@westwood-uk.com

· **Emergency telephone number:**

24h - emergency number
+49 700 24 112 112 (W)

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Org. Perox. D 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.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 2/13

(Contd. of page 1)

· **Hazard pictograms**



GHS02 GHS07 GHS09

· **Signal word** Danger

· **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**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P234 Keep only in original container.

P273 Avoid release to the environment.

P280 Wear protective clothing/ eye protection.

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

P403+P235 Store in a well-ventilated place. Keep cool.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Does not meet the PBT-criteria of Annex XIII of REACH (self assessment).

· **vPvB:** Does not meet the vPvB-criteria of Annex XIII of REACH (self assessment).

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 94-36-0 EINECS: 202-327-6 Reg.nr.: 01-2119511472-50	dibenzoyl peroxide Org. Perox. B, H241; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Eye Irrit. 2, H319; Skin Sens. 1, H317	25-50%
CAS: 94-49-5 EINECS: 202-338-6 Reg.nr.: 01-2120759933-41	Ethylene dibenzoate Aquatic Chronic 2, H411	25-50%

· **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:**

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area and lay down.

If symptoms or in all cases of doubt, see a doctor. Never give anything by mouth to an unconscious person. If unconscious, place in a stable lateral position and seek medical advice.

(Contd. on page 3)



Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 3/13

(Contd. of page 2)

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.
Take affected persons into fresh air and keep quiet.
Seek medical treatment.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
Remove contaminated clothing immediately.

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

· **After swallowing:**

Rinse mouth with water (only if person is conscious).
Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

Irritant to skin, eyes and respiratory system.

· **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:**

CO₂, sand, extinguishing powder, foam.
Water spray

· **For safety reasons unsuitable extinguishing agents:**

Halone
Water with full jet

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

In the case of decomposition without fire, there is a risk of explosion due to the resulting vapour-air mixture. Caution: reignition may occur. Decomposition under the influence of heat. Do not inhale in case of fire and/or explosion.

At the temperature of self-accelerating decomposition (+55 °C), the product undergoes explosive decomposition.

ATTENTION: Re-ignition possible; the product maintains combustion processes.

In Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Under certain fire conditions, traces of other toxic gases cannot be excluded.

Carbon monoxide (CO)

CO₂

Benzoic acid, benzene

· **5.3 Advice for firefighters**

· **Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

Wear self-contained respiratory protective device.

· **Additional information**

Cool endangered receptacles with water spray.

Evacuate all non- essential persons. Extinguish a small fire with powder or carbon dioxide then apply water to prevent re-ignition.

— GB —

(Contd. on page 4)

Safety data sheet according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 4/13

(Contd. of page 3)

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe dust.



Keep away from ignition sources.

Avoid static electricity.

Cool case of further temperature with a jet of water from a safe distance.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· 6.3 Methods and material for containment and cleaning up:

Do not flush with water or aqueous cleansing agents

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

First of all dampened with water.

· 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

Not giving remnants back into the storage vessels.

Keep receptacles tightly sealed.

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Wear suitable respiratory protective device when decanting larger quantities without extractor facilities.

Restrict the quantity stored at the work place.

Handle with care. Avoid jolting, friction and impact.

Providing good ventilating/suction at work.

at least 7-fold air changes per hour

· Information about fire - and explosion protection:

Highly volatile, flammable constituents are released during processing.

Keep ignition sources away - Do not smoke.

Use explosion-proof apparatus / fittings and spark-proof tools.

Dust can combine with air to form an explosive mixture.

Substance/product is oxidising when dry.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· 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.

Store in accordance with local and national regulations.

Store in a cool location.

(Contd. on page 5)



Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 5/13

(Contd. of page 4)

- **Information about storage in one common storage facility:**
Organic peroxides shall not be parked or stored together with heavy metal compounds or amines or their preparations.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
max. Storage temperature 30 ° C
Store receptacle in a well ventilated area.
Protect from contamination.
Store in a cool place.
Keep contents moist.
Keep container tightly sealed.
- **Storage class:**
Lagerklasse 5.2 "Organische Peroxide und selbstzersetzliche Gefahrstoffe" nach TRGS 510
- **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 (25-50%)

WEL Long-term value: 5 mg/m³

- **DNELs**

94-36-0 dibenzoyl peroxide

Oral	DNEL (population)	1.65 mg/kg bw/day (population)
Dermal	DNEL	11.75 mg/m ³ (Employee / Industrial / Commercial)
		2.9 mg/m ³ (population)
	DNEL	6.6 mg/kg bw/day (Employee / Industrial / Commercial)
		3.3 mg/kg bw/day (population)

94-49-5 Ethylene dibenzoate

Dermal	DNEL (worker)	3 mg/kg bw/day (Long-term - systemic effects)
Inhalative	DNEL (worker)	10.6 mg/m ³ (Long-term - systemic effects)

- **PNECs**

94-36-0 dibenzoyl peroxide

Oral	PNEC oral	6.67 mg/kg (Nahrungsmittel)
	PNEC	0.0758 mg/kg (ground)
		0.338 mg/kg (sediment) (Süßwasser)
	PNEC	0.35 mg/l (sewage plant)
		0.0000602 mg/l (seawater)
		0.000602 mg/l (freshwater)

94-49-5 Ethylene dibenzoate

	PNEC	0.44 mg/l (ground)
		2.23 mg/l (sediment)
		0.00073 mg/l (seawater)
		0.0073 mg/l (freshwater)

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 6/13

(Contd. of page 5)

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

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Use skin protection cream for skin protection.

Keep away from foodstuffs, beverages and feed.

Avoid close or long term contact with the skin.

Avoid contact with the eyes.

· **Respiratory protection:**

In interiors and at transgression of the limiting values breath filtration device: Filter type A1 using an air recycling independent breathing apparatus at high concentrations A2 at an intensive or longer outline.

The use of breath protective hoods can be recommended since no carrying time limits are valid.

· **Protection of hands:**



Protective gloves

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

Preventive skin protection by use of skin-protecting agents is recommended.

After use of gloves apply skin-cleaning agents and skin cosmetics.

Check protective gloves prior to each use for their proper condition.

· **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.

Protective gloves according to EN 374

· **Penetration time of glove material**

Our Recommendation is mainly on a one-time use as a short-term protection Liquid splashes. For other applications, you should contact a glove manufacturer.

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

· **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**

Neoprene gloves

Nitrile rubber, NBR

· **For the permanent contact gloves made of the following materials are suitable:** Butyl rubber, BR

· **Not suitable are gloves made of the following materials:** Leather gloves

· **Eye protection:**



Tightly sealed goggles EN standard: EN 166

(Contd. on page 7)

—GB—

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 7/13

(Contd. of page 6)

· **Body protection:**



Protective work clothing

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	Powder
· Colour:	White
· Odour:	Weak, characteristic
· Odour threshold:	not be determined.

· **pH-value at 20 °C:** 7

· **Change in condition**

· Melting point/freezing point:	58 °C (Zersetzung)
· Initial boiling point and boiling range:	Not applicable (decomposes)

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Decomposition products may be flammable.
May cause fire.

· **Decomposition temperature:** Decomposition temperature SADT - (Self Accelerating Decomposition Temperature) is the lowest temperature at which self accelerating decomposition may occur in the transport packaging. A dangerous self-accelerating decomposition reaction under unfavorable conditions, explosions or fire may be caused by thermal decomposition at or above the SADT. Contact with incompatible substances may also cause decomposition below the SADT.

Temperature of self-accelerating decomposition (SADT): 55 °C

· **Auto-ignition temperature:** Decomposition product(s) may be flammable.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

· Lower:	Not determined.
· Upper:	Not determined.

· **Oxidising properties:** unavailable

· **Vapour pressure:** Not applicable.

· **Density:** Not determined.

· Bulk density:	640 kg/m ³
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.

(Contd. on page 8)



Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 8/13

(Contd. of page 7)

· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	log POW 3.2 at 22 °C (OECD 107)
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· 9.2 Other information	A k t i v s a u e r s t o f f 3,24 - 3,47 %

SECTION 10: Stability and reactivity

- **10.1 Reactivity** see Section 10.2
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
ADT - (Self-accelerating decomposition temperature) is the lowest temperature at which self-accelerating decomposition may occur in the transport packaging. A dangerous self-accelerating decomposition reaction, explosion or fire under unfavourable circumstances, may be caused by thermal decomposition at or above the temperature specified: 55 °C. Contact with incompatible substances may cause decomposition at or below the SADT 55 °C.
To avoid thermal decomposition do not overheat.
Shock, avoid friction, heat, sparks, static electricity.
- **10.3 Possibility of hazardous reactions**
Reacts with alkali, amines and strong acids.
Reacts with certain metals.
- **10.4 Conditions to avoid** Shock, avoid friction, heat, sparks, static electricity.
- **10.5 Incompatible materials:**
Avoid contact with rust, iron and copper. Hazardous decomposition on contact with incompatible materials such as acids, alkalis, heavy metals and reducing agents. Do not mix with peroxide accelerators. Only use stainless steel according to DIN 1.4571, PVC, polyethylene, or glass-lined equipment.
- **10.6 Hazardous decomposition products:** In case of fire: see section 5.
- **Additional information:**
Emergency procedures will vary depending on individual circumstances. The customer should have a contingency plan to the workplace may be present.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects** There were no toxicological findings to the mixture.
- **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	>2,000 mg/kg (mouse)
Inhalative	LC50	>24,300 mg/l (rat) (Staub)
94-49-5 Ethylene dibenzoate		
Oral	LD50	>2,000 mg/kg (rat) (OECD 423)
	NOAEL	300 mg/kg (rat) (OECD 422) Expositionszeit 92 d

(Contd. on page 9)



Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 9/13

(Contd. of page 8)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Irritability
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.

· **Subacute to chronic toxicity:**

94-36-0 dibenzoyl peroxide

Oral	NOAEL	200 mg/kg/d (rat) adverse effect observed 500 mg/kg/d (unknown) Concentration at which no adverse effect was observed.
	NOAEL/29d	1,000 mg/kg/d (unknown) Konzentration, bei der kein schädlicher Effekt beobachtet wurde.

· **Repeated dose toxicity**

94-49-5 Ethylene dibenzoate

Oral	LOAEL/92d	1,000 mg/kg (rat) (OECD 422)
------	-----------	------------------------------

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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**

94-49-5 Ethylene dibenzoate

EC50/3h (static)	>1,280 mg/l (activated sludge) (OECD 209)
EC50/21d	1.4 mg/l (daphnia magna) (OECD 211)
EC10/21d (static)	0.79 mg/l (daphnia magna) (OECD 211)

· **Aquatic toxicity:**

94-36-0 dibenzoyl peroxide

EC50	35 mg/l (bacteria) (Atmungsinhibierungstest für Belebtschlamm) 0,5 h
EC50/48h	0.11 mg/l (daphnia magna) (OECD-Richtlinie 202)
LC50/96h	0.06 mg/l (fish)
NOEC/72h	0.02 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
EC50/72h	0.0711 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC	0.077 mg/l (daphnia magna) (OECD-Richtlinie 202) 48 h 0.0316 mg/l (Rainbow trout) OECD 203 96 h

94-49-5 Ethylene dibenzoate

LC50/96h (static)	>0.434 mg/l (Danio rerio) (Acute toxicity to fish)
-------------------	--

(Contd. on page 10)

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 10/13

(Contd. of page 9)

ErC50/72h (static)	>0.87 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC/72h (static)	0.045 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC/21d (static)	0.65 mg/l (daphnia magna) (OECD 211)
NOEC (static)	0.073 mg/l (Danio rerio) (OECD 210)

· **12.2 Persistence and degradability**

Ethylene glycol dibenzoate

Biodegradability: Type of test: Closed bottle test

Biological degradation: 81 %

Exposure time: 28 d

Method: OECD test guideline 301D

GLP: yes

Easily biodegradable.

Dibenzoyl peroxide

Biodegradability: Result: Potentially biodegradable

· **12.3 Bioaccumulative potential**

Dibenzoyl peroxide:

Partition coefficient: n-octanol/water : log Pow: 3.2 (20 °C)

· **12.4 Mobility in soil** Dibenzoyl peroxide log Koc: 6310 (22 °C)

· **Ecotoxicological effects:**

· **Remark:**

very toxic to aquatic organisms.

Toxic for fish

· **Additional ecological information:**

· **General notes:**

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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Does not meet the PBT-criteria of Annex XIII of REACH (self assessment).

· **vPvB:** Does not meet the vPvB-criteria of Annex XIII of REACH (self assessment).

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

Hazardous waste according to Waste Catalogue (EWC). If recycling is not possible, waste must be in compliance with local regulations to be removed.

· **Recommendation**



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

Must be specially treated adhering to official regulations.

· European waste catalogue	
16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 09 00	oxidising substances

(Contd. on page 11)

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 11/13

(Contd. of page 10)

16 09 03* | peroxides, for example hydrogen peroxide

· **Uncleaned packaging:**

· **Recommendation:**

Packaging must be emptied of all residues and must be disposed of properly in accordance with the statutory provisions.

Packaging that has not been completely emptied must be disposed of in coordination with the regional disposal company.

Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, IMDG, IATA**

UN3106

· **14.2 UN proper shipping name**

· **ADR**

3106 ORGANIC PEROXIDE TYPE D, SOLID (dibenzoyl peroxide)

· **IMDG**

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

· **IATA**

ORGANIC PEROXIDE TYPE D, SOLID (dibenzoyl peroxide)

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class**

5.2 (P1) Organic peroxides.

· **Label**

5.2

· **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

(Contd. on page 12)



Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 12/13

(Contd. of page 11)

· 14.5 Environmental hazards:	
· Marine pollutant:	Yes Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Organic peroxides.
· Hazard identification number (Kemler code):	539
· EMS Number:	F-J,S-R
· 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 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	500g
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Transport category	2
· Tunnel restriction code	D
· IMDG	
· Limited quantities (LQ)	500 g
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 3106 ORGANIC PEROXIDE TYPE D, SOLID (DIBENZOYL PEROXIDE), 5.2

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
- **National regulations:**
- **Information about limitation of use:**
Employment restrictions under the Maternity Protection Directive (94/33/EC).
Employment restrictions for maternity Directive (92/85/EEC) for expectant and nursing mothers.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

— GB —

(Contd. on page 13)



Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 08.06.2019

Version number 1

Page 13/13

(Contd. of page 12)

SECTION 16: Other information

These figures relate to the product as delivered.

Sector of Use

Relevant identified uses of the mixture

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU19 Building and construction work

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Uses advised against

SU21 Consumer uses: Private households / general public / consumers

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.

· **Relevant phrases**

H241 Heating may cause a fire or explosion.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

· **Training hints**

Teaching about hazards and precautions to hand the operating instructions (Technical Rule 555).
Instruction must take place before the start of employment and at least annually thereafter.

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

vPvB: very Persistent and very Bioaccumulative

Org. Perox. B: Organic peroxides – Type B

Org. Perox. D: Organic peroxides – Type C/D

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

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

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· **Sources**

www.gestis.de

www.echa.eu

logkow.cisti.nrc.ca