



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## STRONGHOLD ACCELERATOR

Version 1

Revision Date 28.04.2015

Print Date 16.12.2015

GB / EN

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name : STRONGHOLD ACCELERATOR

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

Use of the Substance/Mixture : Specific use(s): Auxiliaries for the Thermoset Industry

#### 1.3 Details of the supplier of the safety data sheet

Company : The Glass Fibre Roofing Company Ltd  
Unit 2c Sir Alfred Owen Way  
Pontygwindy Industrial Est  
Caerphilly CF83 8AL

Telephone : 02920 888020  
Telefax : 02920 888020  
E-mail address : shop@glassfibreroofing.co.uk

#### 1.4 Emergency telephone number

Emergency telephone : 02920 888020

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### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture Classification (REGULATION (EC) No 1272/2008)

Eye irritation, 2, H319, Calculation method  
Skin sensitisation, 1, H317, Calculation method  
Reproductive toxicity, 2, H361f, Calculation method  
Acute aquatic toxicity, 1, H400, Calculation method  
Chronic aquatic toxicity, 3, H412, Calculation method

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### Classification (67/548/EEC, 1999/45/EC)

Dangerous for the environment, N, R50/53  
Sensitising, Xi, R43  
Toxic to Reproduction Category 2, Xn, R62  
Irritant, Xi, R36

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For the full text of the R-phrases mentioned in this Section, see Section 16.

## 2.2 Label elements Labelling (REGULATION (EC) No 1272/2008)

Symbol(s)



Signal word

: Warning

Hazard statements

: H317  
H319

May cause an allergic skin reaction.  
Causes serious eye irritation.

H361f

Suspected of damaging fertility.

H410

Very toxic to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**

P201

Obtain special instructions before use.

P261

Avoid breathing mist, vapours or spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/  
face protection.

P281

Use personal protective equipment as  
required.

**Response:**

P302 + P352

IF ON SKIN: Wash with plenty of water.

### Hazardous components which must be listed on the label:

Cobalt(II) 2-ethylhexanoate

136-52-7

## 2.3 Other hazards

No further data available.

PBT and vPvB assessment

: 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.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Hazardous substance

Chemical Name	PBT vPvB OEL	CAS-No. EC-No. REACH No.	Classification (REGULATION (EC) No 1272/2008)	Classification (67/548/EEC)	Concentration [%]
2,2,4-Trimethyl-1,3-pentanediol diisobutanoate		6846-50-0 229-934-9 01- 211945109347	Aquatic Chronic 3; H412		40 - 50
Cobalt(II) 2-ethylhexanoate		136-52-7 205-250-6 01- 211952467829	Eye Irrit. 2; H319 Skin Sens. 1A; H317 Repr. 2; H361f Aquatic Acute 1; H400 Aquatic Chronic 3; H412	N; R50/53 Xi; R43 Repr.Cat.2; R62	30 - 40
Diethylene glycol butylether		112-34-5 203-961-6	Eye Irrit. 2; H319	Xi; R36	20 - 25

For the full text of the H-Statements mentioned in this Section, see Section 16.

For the full text of the R-phrases mentioned in this Section, see Section 16.

#### REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

REACH - Candidate List of : Not applicable  
Substances of Very High  
Concern for Authorisation  
(Article 59).

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## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.

If inhaled : If breathed in, move person into fresh air.  
Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
Rinse immediately with plenty of water.  
If skin irritation persists, call a physician.

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- In case of eye contact : Rinse with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
Obtain medical attention.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Never give anything by mouth to an unconscious person.  
Obtain medical attention.

## 4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

## 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

- Suitable extinguishing media : Alcohol-resistant foam  
Dry chemical
- Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting / Specific hazards arising from the chemical : Water spray may be ineffective unless used by experienced firefighters.  
Do not allow run-off from fire fighting to enter drains or water courses.

- Combustion products : Carbon oxides

### 5.3 Advice for firefighters

- Nitrogen oxides (NO<sub>x</sub>)  
Fire will produce smoke containing hazardous combustion products (see section 10).
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.

### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up / : Soak up with inert absorbent material (e.g. sand, silica gel, Methods  
for containment acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

Additional advice : For personal protection see section 8.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.  
Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion : Avoid formation of aerosol.  
Keep away from sources of ignition - No smoking.  
No sparking tools should be used.  
Take measures to prevent the build up of electrostatic charge.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Prevent unauthorized access.  
No smoking.  
Keep container tightly closed in a dry and well-ventilated place.

Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis	Form of exposure
Cobalt(II) 2ethylhexanoate	136-52-7	TWA	0.1 mg/m <sup>3</sup>	2007-08-01	GB EH40	
	Further information	:	<p>53+54: Substances that can cause occupational asthma (also known as asthmagens and respiratory sensitisers) can induce a state of specific airway hyper-responsiveness via an immunological, irritant or other mechanism. Once the airways have become hyper-responsive, further exposure to the substance, sometimes even to tiny quantities, may cause respiratory symptoms. These symptoms can range in severity from a runny nose to asthma. Not all workers who are exposed to a sensitiser will become hyperresponsive and it is impossible to identify in advance those who are likely to become hyper-responsive. 54 Substances that can cause occupational asthma should be distinguished from substances which may trigger the symptoms of asthma in people with pre-existing airway hyperresponsiveness, but which do not include the disease themselves. The latter substances are not classified asthmagens or respiratory sensitisers.</p> <p>55: Wherever it is reasonably practicable, exposure to substances that can cause occupational asthma should be prevented. Where this is not possible, the primary aim is to apply adequate standards of control to prevent workers from becoming hyper-responsive. For substances that can cause occupational asthma, COSHH requires that exposure be reduced as low as is reasonably practicable. Activities giving rise to short-term peak concentrations should receive particular attention when risk management is being considered. Health surveillance is appropriate for all employees exposed or liable to be exposed to a substance which may cause occupational asthma and there should be appropriate consultation with an occupational health professional over the degree of risk and level of surveillance.</p> <p>Sen: Capable of causing occupational asthma. The identified substances are those which: - are assigned the risk phrase 'R42: May cause sensitisation by inhalation'; or 'R42/43: May cause sensitisation by inhalation and skin contact' or - are listed in section C of HSE publication 'Asthmagen? Critical assessments of the evidence for agents implicated in occupational asthma' as updated from time to time, or any other substance which the risk assessment has shown to be a potential cause of occupational asthma.</p> <p>Carc: Capable of causing cancer and/or heritable genetic damage. The identified substances include those which: - are assigned the risk phrases 'R45: May cause cancer'; 'R46: may cause heritable genetic damage'; 'R49: May cause cancer by inhalation' or - a substance or process listed in Schedule 1 of COSHH.</p> <p>2: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used</p> <p>Carcinogenic applies for cobalt dichloride and sulphate.</p> <p>56: The 'Sen' notation in the list of WELs has been assigned only to those substances which may cause occupational asthma.</p> <p>Cobalt</p>			
Diethylene glycol butylether	112-34-5	TWA	10 ppm 67.5 mg/m <sup>3</sup>	2009-12-19	2006/15/EC	
	Further information	:	Indicative			
		STEL	15 ppm 101.2 mg/m <sup>3</sup>	2009-12-19	2006/15/EC	
	Further information	:	Indicative			
		TWA	10 ppm 67.5 mg/m <sup>3</sup>	2007-08-01	GB EH40	
		STEL	15 ppm 101.2 mg/m <sup>3</sup>	2007-08-01	GB EH40	

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STEL: Short term exposure limit

TWA: Time Weighted Average

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

Substance name	End Use	Exposure routes	Potential health effects	Value
2,2,4-Trimethyl-1,3-pentanediol diisobutanoate	Workers	Inhalation	Long-term systemic effects	110 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	31.2 mg/kg
	Consumers	Inhalation	Long-term systemic effects	32.6 mg/m <sup>3</sup>
	Consumers	Ingestion	Long-term systemic effects	18.8 mg/kg
	Consumers	Skin contact	Long-term systemic effects	18.8 mg/kg
	Cobalt(II) 2-ethylhexanoate	Consumers	Inhalation	Long-term local effects
Consumers		Ingestion	Long-term systemic effects	0.0558 mg/kg
Workers		Inhalation	Long-term local effects	0.235 mg/m <sup>3</sup>
Diethylene glycol butylether	Workers	Inhalation	Acute local effects	101.2 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	20 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	67.5 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects	67.5 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute local effects	50.6 mg/m <sup>3</sup>
	Consumers	Skin contact	Long-term systemic effects	10 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	34 mg/m <sup>3</sup>
	Consumers	Ingestion	Long-term systemic effects	1.25 mg/kg bw/day
	Consumers	Inhalation	Long-term local effects	34 mg/m <sup>3</sup>

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

Substance name	Environmental Compartment	Value
2,2,4-Trimethyl-1,3-pentanediol diisobutanoate	Fresh water	0.014 mg/l
	Marine water	0.0014 mg/l
	Sewage treatment plant	3 mg/l
	Fresh water sediment	5.29 mg/kg dry weight

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	Marine sediment	0.529 mg/kg dry weight
	Soil	1.05 mg/kg dry weight
Cobalt(II) 2-ethylhexanoate	Marine water	0.00236 mg/l
	Fresh water sediment	0.0095 mg/kg dry weight
	Sewage treatment plant	0.000373 mg/l
	Soil	0.00029 mg/kg dry weight
Diethylene glycol butylether	Fresh water	1 mg/l
	Marine water	0.1 mg/l
	Intermittent water	3.9 mg/l
	Sewage treatment plant	200 mg/l
	Fresh water sediment	4 mg/kg
	Marine sediment	0.4 mg/kg
	Soil	0.4 mg/kg
	Secondary Poisoning	56 mg/kg food

## 8.2 Exposure controls

### Engineering Controls

Effective exhaust ventilation system

Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protective equipment

Respiratory protection : In the case of vapour or aerosol formation use a respirator with an approved filter.  
Filter A

Hand protection : butyl-rubber  
Neoprene

Eye protection : Tightly fitting safety goggles

Skin and body protection : Protective suit

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.  
Wash contaminated clothing before re-use.

### Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties Appearance

Form : liquid

Colour : violet

Odour : faint

Odour Threshold : No data available

#### Safety data

pH : neutral

Melting point : -10 °C

Boiling point/boiling range : No data available

Flash point : 72 °C  
Method: closed cup

Evaporation rate : No data available

Flammability (solid, gas) :

Lower explosion limit : No data available

Upper explosion limit : No data available

Vapour pressure : not determined

Relative vapour density : No data available

Relative density : 0.963 at 20 °C

Bulk density : Not applicable

Water solubility : immiscible

Solubility in other solvents : miscible with most organic solvents, Phthalates

Partition coefficient: noctanol/water : No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: 16.5 mPa.s at 20 °C
Viscosity, kinematic	: 17.13 mm <sup>2</sup> /s at 20 °C
Explosive properties	: Not explosive
Oxidizing properties	: Not classified as oxidising.

## 9.2 Other information

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Avoid contact with (organic) peroxides, unless under controlled processing.

### 10.6 Hazardous decomposition products

Hazardous decomposition : Cobalt oxides products  
Carbon oxides Thermal decomposition : No data available

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## SECTION 11: TOXICOLOGICAL INFORMATION

### Product information:

#### Hazard Summary

Inhalation : Inhalation of aerosols may cause irritation to mucous membranes.  
Thermal decomposition can lead to release of irritating gases and vapours.

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Skin : May cause an allergic skin reaction.  
May cause skin irritation.

Eyes : Causes serious eye irritation.

Ingestion : May be harmful if swallowed.

## Toxicology Assessment

Further information : Suspected of damaging fertility or the unborn child.

### 11.1 Information on toxicological effects

#### Toxicology data for the components:

##### Toxicology Assessment Cobalt(II) 2-ethylhexanoate

CMR effects : Reproductive toxicity: Some evidence of adverse effects on sexual function and fertility, based on animal experiments.

##### Test result 2,2,4-Trimethyl-1,3-pentanediol diisobutanoate

Aspiration toxicity : No aspiration toxicity classification

##### Cobalt(II) 2-ethylhexanoate

Acute oral toxicity : LD50: > 2,000 mg/kg  
Species: Rat

Skin irritation : Moderately irritating.

Eye irritation : Result: Irritating to eyes.

Aspiration toxicity : No aspiration toxicity classification

##### Diethylene glycol butylether

Acute oral toxicity : LD50: 2,410 mg/kg  
Species: Mouse  
Method: OECD Test Guideline 401  
Literature data.

Acute dermal toxicity : LD50: 2,764 mg/kg  
Species: Rabbit  
Method: OECD Test Guideline 402  
Literature data.

Eye irritation : Species: Rabbit  
Result: Irritating to eyes.  
Literature data.

Sensitisation : Maximisation Test (GPMT)  
Species: Guinea pig  
Result: Does not cause skin sensitisation.  
Method: OECD Test Guideline 406 Literature data.

Germ cell mutagenicity

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Genotoxicity in vitro	: Ames test Salmonella typhimurium Result: negative Method: OECD Test Guideline 471 Literature data.
Genotoxicity in vivo	: In vivo micronucleus test Species: Mouse Result: negative Literature data.
Reproductive toxicity/Development/Teratogenicity	: Species: Rat Application Route: Oral General Toxicity Maternal: No observed adverse effect level: 633 mg/kg bw/day Teratogenicity: No observed adverse effect level: 633 mg/kg bw/day Method: OECD Test Guideline 414 Literature data.

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## SECTION 12: ECOLOGICAL INFORMATION

### Product information:

#### Ecotoxicology Assessment

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Very toxic to aquatic life with long lasting effects.  
Harmful to aquatic life with long lasting effects.

### 12.1 Toxicity

#### Components:

##### Ecotoxicology Assessment 2,2,4-Trimethyl-1,3-pentanediol diisobutanoate

Acute aquatic toxicity : No toxicity at the limit of solubility

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

##### Cobalt(II) 2-ethylhexanoate

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

#### Test result

##### 2,2,4-Trimethyl-1,3-pentanediol diisobutanoate Toxicity

to daphnia and other invertebrates : NOEC: 0.7 mg/l aquatic

Exposure time: 21 d

(Chronic toxicity) reproduction rate

Species: Daphnia magna (Water flea)

Method: OECD Test Guideline 211

##### Cobalt(II) 2-ethylhexanoate

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Toxicity to algae	: NOEC: 245,1 Exposure time: 72 h Species: Skeletonema costatum Test Type: Growth inhibition Method: Other guidelines
Toxicity to fish (Chronic toxicity)	: NOEC: 1.02 mg/l Exposure time: 33 d Species: Danio rerio (zebra fish) Test Type: flow-through test Method: No data available Read-across from supporting substance (structural analogue or surrogate).
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 60,8 Exposure time: 21 d reproduction rate Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211 Read-across from supporting substance (structural analogue or surrogate).
<b>Diethylene glycol butylether</b> Toxicity to fish	: LC50: 1,300 mg/l Exposure time: 96 h Species: Lepomis macrochirus (Bluegill sunfish)
Toxicity to daphnia and other aquatic invertebrates	: EC50: 3,200 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Test Type: Immobilization
Toxicity to bacteria	: EC50: 255 mg/l Species: Bacteria Test Type: Growth inhibition

## 12.2 Persistence and degradability

<b>Product information</b>	: No information available.
<b>Components:</b> <b>Cobalt(II) 2-ethylhexanoate</b>	
Biodegradability	: Result: Readily biodegradable
<b>Diethylene glycol butylether</b>	
Biodegradability	: Result: Readily biodegradable Method: OECD Test Guideline 301C

## 12.3 Bioaccumulative potential

<b>Product information</b>	: No information available.
<b>Components:</b> <b>Diethylene glycol butylether</b>	
Bioaccumulation	: Bioaccumulation is unlikely.

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## 12.4 Mobility in soil

**Product information** : No information available.

### Components:

#### Diethylene glycol butylether

Mobility : No data available

## 12.5 Results of PBT and vPvB assessment

### Product information:

PBT and vPvB assessment : 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.

### Components:

#### Diethylene glycol butylether

PBT and vPvB assessment : No data available

## 12.6 Other adverse effects

**Product information** : No information available.

### Components:

#### Diethylene glycol butylether

Biochemical Oxygen Demand (BOD) : No data available

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Hazardous waste  
Dispose of contents/container in accordance with local regulation.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

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## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

ADR : UN 3082

RID : UN 3082

IMDG-Code : UN 3082

IATA-DGR : UN 3082

### 14.2 Proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(Cobalt(II) 2-ethylhexanoate)

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**RID** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Cobalt(II) 2-ethylhexanoate)

**IMDG-Code** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Cobalt(II) 2-ethylhexanoate)

**IATA-DGR** : Environmentally hazardous substance, liquid, n.o.s.  
(Cobalt(II) 2-ethylhexanoate)

## 14.3 Transport hazard class

**ADR** : 9

**RID** : 9

**IMDG-Code** : 9

**IATA-DGR** : 9

## 14.4 Packing group

**ADR**

Packing group : III

Classification Code : M6

Hazard Identification Number : 90

Labels : 9

Tunnel restriction code : (E)

**RID**

Packing group : III

Classification Code : M6

Hazard Identification Number : 90

Labels : 9

**IMDG-Code**

Packing group : III

Labels : 9

EmS Code : F-A, S-F

**IATA-DGR**

Packing instruction (cargo aircraft) : 964

Packing instruction (passenger aircraft) : 964

Packing instruction (LQ) : Y964

Packing group : III

Labels : 9

## 14.5 Environmental hazards

**ADR**

Environmentally hazardous : yes

**RID**

Environmentally hazardous : yes

**IMDG-Code**

Marine pollutant : yes (Cobalt(II) 2-ethylhexanoate)

**IATA-DGR**

Environmentally hazardous : yes

## 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

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## SECTION 15: REGULATORY INFORMATION

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

Major Accident Hazard : ZEU\_SEVES3  
Legislation ENVIRONMENTAL HAZARDS  
E1  
Quantity 1: 100 t  
Quantity 2: 200 t

Water contaminating class : WGK 2 water endangering  
(Germany)

#### Notification status

CH INV : YES. On the inventory, or in compliance with the inventory  
TSCA : YES. All chemical substances in this product are either listed on the  
TSCA Inventory or in compliance with a TSCA Inventory exemption.  
DSL : YES. All components of this product are on the Canadian DSL.  
AICS : YES. On the inventory, or in compliance with the inventory  
NZIoC : NO. On the inventory, or in compliance with the inventory  
ENCS : YES. On the inventory, or in compliance with the inventory  
ISHL : YES. On the inventory, or in compliance with the inventory  
KECI : YES. On the inventory, or in compliance with the inventory  
PICCS : YES. On the inventory, or in compliance with the inventory  
IECSC : YES. On the inventory, or in compliance with the inventory

For explanation of abbreviation see section 16.

#### Further information

This product is to be considered as a preparation according to EU-legislation.

### 15.2 Chemical Safety Assessment

Product information : No information available.

Diethylene glycol butylether : No information available.

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## SECTION 16: OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3.

H317 : May cause an allergic skin reaction.  
H319 : Causes serious eye irritation.  
H361f : Suspected of damaging fertility.  
H400 : Very toxic to aquatic life.  
H412 : Harmful to aquatic life with long lasting effects.

#### Full text of R-phrases referred to under sections 2 and 3

R36 Irritating to eyes.  
R43 May cause sensitisation by skin contact.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects  
in the aquatic environment.



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Revision Date 30.06.2017

Print Date 30.06.2017

GB / EN

R62 Possible risk of impaired fertility.

## Explanations for possible abbreviations mentioned in section 2

PBT : PBT: Persistent, bioaccumulative and toxic.  
vPvB : vPvB: Very persistent and very bioaccumulative.  
OEL : OEL: Occupational exposure limit.

## Notification status explanation

CH INV	Switzerland. New notified substances and declared preparations
TSCA	United States TSCA Inventory
DSL	Canadian Domestic Substances List (DSL)
AICS	Australia Inventory of Chemical Substances (AICS)
NZIoC	New Zealand. Inventory of Chemical Substances
ENCS	Japan. ENCS - Existing and New Chemical Substances Inventory
ISHL	Japan. ISHL - Inventory of Chemical Substances
KECI	Korea. Korean Existing Chemicals Inventory (KECI)
PICCS	Philippines Inventory of Chemicals and Chemical Substances (PICCS)
IECSC	China. Inventory of Existing Chemical Substances in China (IECSC)

## Further information

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