

# Safety data sheet

according to UK REACH

Printing date 30.05.2025

Version number 3

Revision: 30.05.2025

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

### 1.1 Product identifier

**Trade name:** BESCHLEUNIGER 10 / ACCELERATOR 10**CAS Number:**

77-58-7

**EC number:**

201-039-8

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**Registration number** 01-2119496068-27

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

Relevant identified use: Industrial or professional use

**Application of the substance / the mixture** Accelerator

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

**Manufacturer/Supplier:**

Conica AG  
Industriestrasse 26  
CH-8207 SCHAFFHAUSEN  
SWITZERLAND

**Further information obtainable from:**

Product Safety Management  
ehsqm@conica.com  
+41 52 644 3600

### 1.4 Emergency telephone number:

Tox Info Suisse  
+41 44 2 51 51 51

## \* SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

GHS08 health hazard

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Muta. 2	H341	Suspected of causing genetic defects.
Repr. 1B	H360Fd	May damage fertility. Suspected of damaging the unborn child.
STOT SE 1	H370	Causes damage to organs.
STOT RE 1	H372	Causes damage to organs through prolonged or repeated exposure.



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 substance is classified and labelled according to the GB CLP regulation.

#### Hazard pictograms



GHS07 GHS08 GHS09

**Signal word** Danger

#### Hazard-determining components of labelling:

dibutyltin dilaurate

#### Hazard statements

H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H341	Suspected of causing genetic defects.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.

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### Precautionary statements

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

##### PBT:

This substance/mixture does not contain components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

##### vPvB:

This substance/mixture does not contain components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### Determination of endocrine-disrupting properties

The substance/mixture does not contain components that exhibit endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### CAS No. Description

CAS: 77-58-7 dibutyltin dilaurate

#### Identification number(s)

EC number: 201-039-8

#### Dangerous components:

CAS: 77-58-7 EINECS: 201-039-8 Reg.nr.: 01-2119496068-27	dibutyltin dilaurate Muta. 2, H341; Repr. 1B, H360Fd; STOT SE 1, H370; STOT RE 1, H372; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Eye Irrit. 2, H319; Skin Sens. 1, H317	50-100%
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## 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.

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**Trade name: BESCHLEUNIGER 10 / ACCELERATOR 10****After inhalation:**

Supply fresh air and to be sure call for a 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.

**After eye contact:**

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

**After swallowing:** If symptoms persist consult doctor.

**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:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

Water haze

Foam

Fire-extinguishing powder

Carbon dioxide

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

During heating or in case of fire poisonous gases are produced.

**5.3 Advice for firefighters**

**Protective equipment:** Mouth respiratory protective device.

## SECTION 6: Accidental release measures

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

Mount respiratory protective device.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

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:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

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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

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

#### Information about fire - and explosion protection:

Keep respiratory protective device available.  
No special measures required.

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

##### Storage:

Keep out of the reach of children.  
Store in the original container.  
Carefully close opened containers and store upright to prevent any leakage.  
Protect from frost, heat and sunlight.  
Store in a dry place.

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep container tightly sealed.

**7.3 Specific end use(s)** For further information, see also the technical data sheet for the product.

### \* SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Ingredients with limit values that require monitoring at the workplace:

**CAS: 77-58-7 dibutyltin dilaurate**

WEL	Short-term value: 0.2 mg/m <sup>3</sup> Long-term value: 0.1 mg/m <sup>3</sup> as Sn; Sk
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**Additional information:** The lists valid during the making were used as basis.

#### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

##### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing

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Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

**Respiratory protection:**

Respiratory protection in case of insufficient ventilation. Combination filter A/P2, alternatively combination filter for organic, inorganic, acidic inorganic and alkaline gases/vapours (e.g. EN 14387 type ABEK).

**Hand protection**



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

**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.

**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.

**Eye/face protection**



Tightly sealed goggles

### SECTION 9: Physical and chemical properties

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

**General Information**

<b>Physical state</b>	Liquid
<b>Colour:</b>	Yellowish
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	16-18 °C (DIN/ISO 3016)
<b>Boiling point or initial boiling point and boiling range</b>	>200 °C
<b>Flammability</b>	Not applicable.

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<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	>180 °C (DIN EN 22719)
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Mixture is non-soluble (in water).
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>Dynamic at 20 °C:</b>	30 mPas (DIN 53019)
<b>Solubility</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.03 g/cm <sup>3</sup> (DIN 51757)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>9.2 Other information</b>	
<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Solvent content:</b>	
<b>VOC (EC)</b>	0.00 %
<b>Molecular weight</b>	631.56 g/mol
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.
<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void

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<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### 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 classification:**

**CAS: 77-58-7 dibutyltin dilaurate**

Oral	LD50	2071 mg/kg (rat) (OECD TG 401)
Dermal	LD50	>2000 mg/kg (rat) (OECD TG 402)

**Primary irritant effect:**

**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** Suspected of causing genetic defects.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** May damage fertility. Suspected of damaging the unborn child.

**STOT-single exposure** Causes damage to organs.

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**STOT-repeated exposure** Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

<b>Endocrine disrupting properties</b>
Substance is not listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects

**Remark:** Very toxic for fish

### Additional ecological information:

#### General notes:

Water hazard class 2 (German Regulation) (Assessment by list): 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.

Very toxic for aquatic organisms

## \* SECTION 13: Disposal considerations

Disposal in compliance with all applicable international, national and local laws, regulations and statutes. For disposal within the EU, the respective valid waste code according to the European Waste Catalogue (EWC) must be used.

The user is responsible for the correct coding and labelling of the waste produced.

### 13.1 Waste treatment methods

Packaging must be emptied immediately after the last product has been removed (drip-free, free-flowing, spatula-clean). The completely emptied packaging can be handed over to a professional disposal company; in the EU, this is done on a packaging-specific basis via the collection points of the existing take-back systems of the chemical industry. The product and hazardous substance labelling must remain on the packaging.

Alternatively, the product and hazardous substance labelling can be removed after the product residues adhering to the walls have been rendered harmless. This packaging can also be handed in for recycling at the

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collection points of the existing take-back systems of the chemical industry. Recycling must be carried out in accordance with national legislation and environmental protection regulations.

No disposal via waste water.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

<b>14.1 UN number or ID number</b>	UN3082
<b>ADR, IMDG, IATA</b>	
<b>14.2 UN proper shipping name</b>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dibutyltin dilaurate)
<b>ADR</b>	
<b>IMDG</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dibutyltin dilaurate), MARINE POLLUTANT
<b>IATA</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dibutyltin dilaurate)
<b>14.3 Transport hazard class(es)</b>	
<b>ADR, IMDG, IATA</b>	
	
<b>Class</b>	9 Miscellaneous dangerous substances and articles.
<b>Label</b>	9
<b>14.4 Packing group</b>	III
<b>ADR, IMDG, IATA</b>	
<b>14.5 Environmental hazards:</b>	Product contains environmentally hazardous substances: dibutyltin dilaurate
<b>Marine pollutant:</b>	Yes
<b>Special marking (ADR):</b>	Symbol (fish and tree)
<b>Special marking (IATA):</b>	Symbol (fish and tree)

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<p><b>14.6 Special precautions for user</b></p> <p><b>Hazard identification number (Kemler code):</b></p> <p><b>EMS Number:</b></p> <p><b>Stowage Category</b></p> <p><b>Stowage Code</b></p>	<p>Warning: Miscellaneous dangerous substances and articles.</p> <p>90</p> <p>F-A,S-F</p> <p>A</p> <p>SW2 Clear of living quarters.</p>
<p><b>14.7 Maritime transport in bulk according to IMO instruments</b></p>	<p>Not applicable.</p>
<p><b>Transport/Additional information:</b></p> <hr style="border-top: 1px dashed #000;"/> <p><b>ADR</b></p> <p><b>Limited quantities (LQ)</b></p> <p><b>Excepted quantities (EQ)</b></p> <p><b>Transport category</b></p> <hr style="border-top: 1px dashed #000;"/> <p><b>IMDG</b></p> <p><b>Limited quantities (LQ)</b></p> <p><b>Excepted quantities (EQ)</b></p>	
<p><b>UN "Model Regulation":</b></p>	<p>5L</p> <p>Code: E1</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 1000 ml</p> <p>3</p> <p>5L</p> <p>Code: E1</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 1000 ml</p> <p>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIBUTYLTIN DILAUATE), 9, III</p>

### SECTION 15: Regulatory information

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

<p><b>Regulated explosives precursors</b></p>	<p>Substance is not listed.</p>
<p><b>Regulated poisons</b></p>	<p>Substance is not listed.</p>
<p><b>Reportable explosives precursors</b></p>	<p>Substance is not listed.</p>

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<b>Reportable poisons</b>
Substance is not listed.

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** Substance is not listed.

**Seveso category**

H3 STOT SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE

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, 20, 30

<b>Regulation (EU) No 649/2012</b>
Annex I Part 1

<b>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</b>
Substance is not listed.

**REGULATION (EU) 2019/1148**

<b>Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))</b>
Substance is not listed.

<b>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</b>
Substance is not listed.

<b>Regulation (EC) No 273/2004 on drug precursors</b>
Substance is not listed.

<b>Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors</b>
Substance is not listed.

**National regulations:**

**Other regulations, limitations and prohibitive regulations**

**Please note:** Relevant identified use: Industrial or professional use

**15.2 Chemical safety assessment:** A chemical safety assessment has not been carried out.

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### 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.

#### Relevant phrases

- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H341 Suspected of causing genetic defects.
- H360Fd May damage fertility. Suspected of damaging the unborn child.
- H370 Causes damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**Date of previous version: 05.04.2022**

**Version number of previous version: 2**

#### Abbreviations and acronyms:

- ADR: Accord relatif au transport international 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)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  - Skin Sens. 1: Skin sensitisation – Category 1
  - Muta. 2: Germ cell mutagenicity – Category 2
  - Repr. 1B: Reproductive toxicity – Category 1B
  - STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
  - STOT RE 1: Specific target organ toxicity (repeated exposure) – 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
- \* Data compared to the previous version altered.**