

## safety data sheet

### to product

## Stabiloplast Accelerator #448 0002

### 1. Identification of the substance / preparation and company

#### Emergency number:

Tox Info Suisse, Freiestrasse 16, 8032 Zürich; Tox-Info Suisse: 145 (24h-operation); [info@toxinfo.ch](mailto:info@toxinfo.ch);  
**In case of emergency: Tel. 145;** (abroad: +41 44 251 51 51); information: +41 44 251 66 66

#### Company name:



abc dental ag

Gaswerkstrasse 6, 8952 Schlieren  
Tel. 044 755 51 00, Fax 044 755 51 01



Condor Dental Research CO Sàrl

Ch. des Cibleries 2, CP 300, 1896 Vouvry  
Tel. 024 482 61 61, Fax 024 482 61 69



Curaden AG Dentaldepot

Riedstrasse 12, 8953 Dietikon  
Tel. 041 319 45 00, Fax 041 319 45 90



dema dent AG

Furtbachstrasse 16, 8107 Buchs  
Tel. 044 838 65 65, Fax 044 838 65 66



Flexdental Services SA

Route de la Corniche 1, 1066 Epalinges  
Tel. 0848 336 825, Fax 021 907 67 02



Jordi Röntgentechnik AG

Dammstrasse 70, 4142 Münchenstein  
Tel. 061 417 93 93, Fax 061 417 93 94



Kaladent AG

Schachenstrasse 2, 9016 St. Gallen  
Tel. 071 282 80 80, Fax 071 282 80 81



Lometral AG

Binzenholzstrasse 20, 5704 Egliswil  
Tel. 062 775 05 05, Fax 062 775 33 07



Novadent AG

Sägereistrasse 17, 8152 Glattbrugg  
Tel. 044 880 20 20, Fax 044 811 04 40



Smart Dentist AG

Verenastrasse 4b, 8832 Wollerau  
Tel. 044 726 20 20, Fax 044 726 20 25



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according to Regulation (EC) No 1907/2006

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Stabiloplast Accelerator 448 0002

**Further trade names**

contained in: 448 0004 Stabiloplast Set

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Polymerizationaccelerator

**Uses advised against**

No information available.

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

Company name: Renfert GmbH  
Street: Untere Giesswiesen 2  
Place: D-78247 Hilzingen  
Telephone: +49 7731 8208-0  
e-mail: info@renfert.com  
Contact person: Frau Andris  
e-mail: silke.andris@renfert.com  
Internet: www.renfert.com

**1.4. Emergency telephone number:**

IRL: 01 809 2566 (Healthcare Professionals) | GB: 0044 151 951 3317 (Health and Safety Executive (HSE) Chemicals)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Flam. Liq. 2; H225

Eye Irrit. 2; H319

STOT SE 3; H336

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008****Hazard components for labelling**

acetone

**Signal word:**

Danger

**Pictograms:****Hazard statements**

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

**Precautionary statements**

P210

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

P261

Do not breathe mist/vapours/spray.

P280

Wear protective gloves and eye/face protection.

P337+P313

If eye irritation persists: Get medical advice/attention.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

**Special labelling of certain mixtures**

EUH066

Repeated exposure may cause skin dryness or cracking.

**Labelling of packages where the contents do not exceed 125 ml****Signal word:**

Danger

**Pictograms:****2.3. Other hazards**



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The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Polymerizationaccelerator

#### Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
67-64-1	acetone			> 80 %
	200-662-2	606-001-00-8	01-2119471330-49	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
99-97-8	N,N-dimethyl-p-toluidine			< 1 %
	202-805-4	612-056-00-9	01-2119956633-31	
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, STOT RE 2, Aquatic Chronic 3; H330 H311 H301 H373 H412			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. Limits, M-factors and ATE			
99-97-8	202-805-4	N,N-dimethyl-p-toluidine	< 1 %	
	inhalation: LC50 = 1,4 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: LD50 = 139 mg/kg			

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately.

#### After inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

#### After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

#### After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

#### After ingestion

Rinse mouth immediately and drink 1 glass of water. Do NOT induce vomiting. Call a physician immediately.

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

Vapours may cause drowsiness and dizziness. Processing vapours can irritate the respiratory tracts, skin and eyes.

Repeated exposure may cause skin dryness or cracking.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), alcohol resistant foam, Water spray jet

#### Unsuitable extinguishing media

Full water jet

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

Vapours can form explosive mixtures with air.

### 5.3. Advice for firefighters

Do not inhale explosion and combustion gases.

In case of fire: Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

- Provide adequate ventilation.
- Use personal protection equipment.
- Remove all sources of ignition.

**6.2. Environmental precautions**

- Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****Other information**

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Collect in closed and suitable containers for disposal.

**6.4. Reference to other sections**

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

- Use only in well-ventilated areas.
- Avoid contact with eyes and skin.
- Do not eat, drink or smoke when using this product.

**Advice on protection against fire and explosion**

- Vapours can form explosive mixtures with air. Keep away from sources of ignition - No smoking.

**Advice on general occupational hygiene**

- Avoid breathing vapours.
- Avoid contact with skin, eyes and clothes.
- Wash hands before breaks and after work.
- Keep away from food, drink and animal feedingstuffs.

**Further information on handling**

- If handled uncovered, arrangements with local exhaust ventilation should be used if possible.
- Take precautionary measures against static discharges.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

- Keep container tightly closed in a cool, well-ventilated place.

**7.3. Specific end use(s)**

- Please refer to our internet website for more information. [www.renfert.com](http://www.renfert.com)

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	

**Biological limit values**

CAS No	Substance	Parameter	Value	Test material	Sampling time
67-64-1	Acetone	Acetone	50 mg/L	Urine	End of shift

**8.2. Exposure controls****Appropriate engineering controls**

- Safe handling: see section 7

**Individual protection measures, such as personal protective equipment****Eye/face protection**

- Wear eye/face protection.



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**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material: 0,5 mm

Breakthrough time:  $\geq$  240 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

**Respiratory protection**

Use only in well-ventilated areas.

Usually no personal respirative protection necessary.

Respiratory protection necessary at: insufficient ventilation

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	clear
Odour:	characteristic
Odour threshold:	not determined

**Test method**

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	54 °C
Flammability:	No data available
Lower explosion limits:	2,5 * vol. %
Upper explosion limits:	13,0 * vol. %
Flash point:	- 18 °C DIN 51755 (cc)
Auto-ignition temperature:	535 * °C Literaturwert
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / kinematic:	not determined
Water solubility:	miscible
Partition coefficient n-octanol/water:	log Pow: - 0,24 *
Vapour pressure:	246 * hPa
(at 20 °C)	
Density (at 20 °C):	0,78 - 0,82 g/cm <sup>3</sup>
Relative vapour density:	not determined

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties

not explosive.

Vapours can form explosive mixtures with air.

**Other safety characteristics**

Solvent content: > 80 %

**Further Information**

\* Data apply to the main component.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Vapours can form explosive mixtures with air.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. May form explosive peroxides.

**10.4. Conditions to avoid**

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



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**10.5. Incompatible materials**

Violent reaction with: Oxidising agent, strong

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**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.

**ATEmix calculated**

ATE (oral) 14040,4 mg/kg; ATE (dermal) 30303,0 mg/kg; ATE (inhalation vapour) 141,41 mg/l; ATE (inhalation dust/mist) 5,051 mg/l

CAS No	Chemical name		Exposure route		Dose	Species	Source	Method
99-97-8	N,N-dimethyl-p-toluidine							
	oral	LD50	139 mg/kg	Mouse		IUCLID		
	dermal	ATE	300 mg/kg					
	inhalation (4 h) vapour	LC50	1,4 mg/l	Rat		IUCLID		
	inhalation dust/mist	ATE	0,05 mg/l					

**Irritation and corrosivity**

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

May cause drowsiness or dizziness. (acetone)

**STOT-repeated exposure**

Repeated exposure may cause skin dryness or cracking.

**Aspiration hazard**

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

**11.2. Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components.

**SECTION 12: Ecological information****12.1. Toxicity**

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

CAS No	Chemical name		Aquatic toxicity		Dose	[h]   [d]	Species	Source	Method
99-97-8	N,N-dimethyl-p-toluidine								
	Acute fish toxicity	LC50	46 mg/l	96 h	Pimephales promelas (fathead minnow)		IUCLID		

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
67-64-1	acetone	-0,24
99-97-8	N,N-dimethyl-p-toluidine	2,81



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**12.4. Mobility in soil**

There are no data available on the mixture itself.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components. Do not allow uncontrolled discharge of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Send to a hazardous waste incinerator facility under observation of official regulations.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**List of Wastes Code - residues/unused products**

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	UN 1090
<b>14.2. UN proper shipping name:</b>	ACETON
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	UN 1090
<b>14.2. UN proper shipping name:</b>	ACETONE (ACETONE SOLUTIONS)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3



Marine pollutant: no

**Air transport (ICAO-TI/IATA-DGR)**

<b>14.1. UN number or ID number:</b>	UN 1090
<b>14.2. UN proper shipping name:</b>	Acetone
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3

**14.5. Environmental hazards**

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ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Further information: see section 6, 7, 8

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2010/75/EU (VOC): 100 % (780 g/l)

**Additional information**

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D): 2 - obviously hazardous to water

**Additional information**

Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer: not applicable

REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on persistent organic pollutants: not applicable

Regulation (EU) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals: not applicable

**SECTION 16: Other information****Changes**

Abs. 2, 9, 11, 15 \* Data changed compared with the previous version.

**Abbreviations and acronyms**

PBT: persistent and bioaccumulative and toxic

vPvB: very persistent, very bioaccumulative

CAS: Chemical Abstracts Service (division of the American Chemical Society)

ATE: Acute Toxicity Estimate

LD50: lethal dose, 50%

LC50: lethal concentration, 50%

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

VOC: volatile organic compound(s)

**Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]**

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H336	Calculation method

**Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.





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H412 Harmful to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Restricted to professional users.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*