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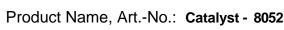
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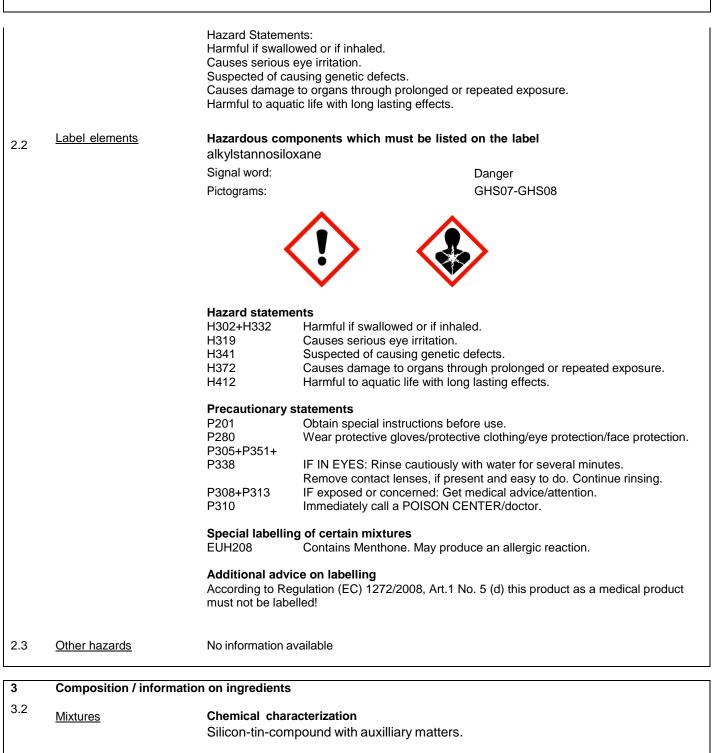
2 Hazards identification 2.1 Classification of the Classification according to Directive 67/548/EEC or 1999/45/EC Indications of danger: T - Toxic, Xn - Harmful, Xi - Irritant substance or mixture R phrases: May impair fertility. May cause harm to the unborn child. Harmful by inhalation and if swallowed. Risk of serious damage to eyes. Toxic: danger of serious damage to health by prolonged exposure if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risks of irreversible effects. Classification according to Regulation (EC) No. 1272/2008 [CLP] Hazard categories: Acute toxicity: Acute Tox. 4 Serious eye damage/eye irritation: Eye Irrit. 2 Germ cell mutagenicity: Muta. 2 Specific target organ toxicity - repeated exposure: STOT RE 1 Hazardous to the aquatic environment: Aquatic Chronic 3 Kohdent Roland Kohler Medizintechnik GmbH & Co. KG Druckdatum: 22.02.16 Stand: JUL 2015 Bodenseeallee 14-16, D-78333 Stockach

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Hazardous components

EC No	Chemical name Quantit				
CAS No	Classification according to Directive 67/548/EEC				
Index No					
REACH No					
300-344-4	alkylstannosiloxane	65 - < 70 %			
93925-42-9	Muta. Cat. 3, Repr. Cat. 1, T - Toxic, Xn - Harmful, Xi - Irritant				
	R60-61-10-20/22-41-48/25-52-53-68				
	Flam. Liq. 3, Muta. 2, Repr. 1, Acute Tox. 4, Acute Tox. 4, Eye Dam. 1, STOT				
	RE 1, Aquatic Chronic 3; H226 H341 H360D H302 H332 H318 H372 H412				
01-2119560586-30					
201-941-1 Menthone <1 %					
89-80-5	9-80-5 Xi - Irritant R38-43				
Skin Irrit. 2, Skin Sens. 1B; H315 H317					
Full text of R-, H- an	d EUH-phrases: see section 16.				

4	First aid measures			
4.1	Description of first aid measures			
	General information:	First aider: Pay attention to self-protection! Remove affected person from the danger area and lay down.		
	After inhalation:	Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.		
	After contact with skin:	After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.		
	After contact with eyes:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.		
	After ingestion:	Rinse mouth immediately and drink plenty of water. Let water be drunken in little sips (dilution effect). Seek immediately medical advice. Do not induce vomiting. In case of spontaneous vomiting take care of an unhindered flow out of the vomit (danger of suffocation).		
4.2	<u>Most important</u> symptoms and effects, both acute and delayed	No information available		
4.3	Indication of any immediate medical attention and special treatment needed	Treat symptomatically.		

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5	Firefighting measures	
5.1	Extinguishing media	
	Suitable extinguishing media:	Co-ordinate fire-fighting measures to the fire surroundings.
5.2	<u>Special hazards arising</u> from the substance or mixture	Non-flammable.
5.3	Advice for firefighters	Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.
Additi	onal information	Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6	Accidental release measures		
6.1	Personal precautions, protective equipment and emergency procedures	Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.	
6.2	Environmental precautions	Do not allow to enter into surface water or drains.	
6.3	Methods and material for containment and cleaning up	Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.	
6.4	Reference to other sections	Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13	

7	Handling and storage	
7.1	Precautions for safe handling	Advice on safe handling If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray
		Advice on protection against fire and explosion No special fire protection measures are nesessary.
7.2	Conditions for safe storage, including any incompatibilities	Requirements for storage rooms and vessels Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.
		Advice on storage compatibility Do not store with strong oxidising materials.
		Further information on storage conditions Keep only in the original container in a cool, dry and well-ventilated place, away from foodstuffs.

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	0 (2)	0		
7.3	<u>Specific end Use(s)</u> For use by trained specialist staff.			
8	Exposure controls / per	sonal protection		
8.1	Control parameters			
8.2	Exposure controls			
	Appropriate engineering controls If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.			
Protective and hygiene measures Remove contaminated, saturated clothing immediately. Draw up and observe skin protection program Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.				
	Eye/face protection Suitable eye prot	tection: goggles.		
	 Hand protection When handling with chemical substances, protective gloves must be worn with the CE-label including control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function specific working place concentration and quantity of hazardous substances. For special purposes, it i recommended to check the resistance to chemicals of the protective gloves mentioned above togethe supplier of these gloves. Suitable are gloves of the following material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber), FKM (fluoro rubber), CR (polychloroprene, chloroprene rubber) 			
	Skin protection Wear suitable protective clothing.			
Respiratory protection In case of inadequate ventilation wear respiratory protection.			atory protection.	
9	Physical and chemical p	properties		
9.1	Information on basic phy	sical and chemical propertie	<u>S</u>	
	Physical state Colour: Odour: pH-Value:	Paste blue like peppermint not determined		
	Changes in the physical state Melting point:	not determined		
	Initial boiling point and boiling range:	>200 °C	DIN 51356	

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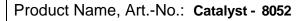
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	Flash point:	>100 °C	DIN 51755
	Flammability Solid: Gas:	not applicable not applicable	
	Lower explosion limits: Upper explosion limits: Ignition temperature:	not determined not determined >300 °C	DIN 51794
	Auto-ignition temperature Solid: Gas: Decomposition temperature	not applicable not applicable >250 °C	
	Oxidizing properties	Not oxidizing.	
	Vapour pressure: (at 20 °C)	<1 hPa	
	Density (at 20 °C): Water solubility:	1,0 g/cm³ insoluble	DIN 51757
	Solubility in other solvents	not determined	
	Partition coefficient:	not determined	
	Viscosity / dynamic: (at 23 °C)	>80000 mPa•s	BROOKFIELD
	Vapour density: Evaporation rate	not determined not determined	
9.2	Other Information Solid content:	not determined	

10	Stability and reactivity	
10.1	Reactivity	No hazardous reaction when handled and stored according to provisions.
10.2	Chemical stability	The product is stable under storage at normal ambient temperatures
10.3	Possibility of hazardous reactions	Reacts with: strong oxidising agents.
10.4	Conditions to avoid	Higher temperatures advance the formation of flammable vapours, therefore don't expose the product to increased temperatures.
10.5	Incompatible materials	No information available.
10.6	Hazardous decomposition products	No known hazardous decomposition products.

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11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Harmful if swallowed or if inhaled. For the product itself no toxicological data are available. In products with a comparable composition a LD50 (orally, species rat) of >2000 mg/kg has been found.

ATEmix calculated

ATE (oral) 741,4 mg/kg; ATE (inhalative vapour) 16,31 mg/l; ATE (inhalative aerosol) 2,224 mg/l

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
93925-42-9	alkylstannosiloxane				
	oral	ATE	500 mg/kg		
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		

Irritation and corrosivity

Causes serious eye irritation.

Sensitising effects

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

STOT-single exposure

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

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction Suspected of causing genetic defects. (alkylstannosiloxane)

Aspiration hazard

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

Additional information on tests

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. Special hazards arising from the substance or mixture !

12 Ecological information

12.1 Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 <u>Persistence and degradability</u> The product has not been tested.

- 12.3 <u>Bioaccumulative potential</u> The product has not been tested.
- 12.4 Mobility in soil

The product has not been tested.

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12.5 <u>Results of PBT and vPvB assessment</u> The product has not been tested.

12.6 <u>Other adverse effects</u> No information available.

Further information

14

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

13 Disposal consideration

13.1 <u>Waste treatment methods</u>

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Transport information

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

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Air transport (ICAO)

14.1	UN-number:	No dangerous good in sense of this transport regulation
14.2	UN proper shipping name:	No dangerous good in sense of this transport regulation
14.3	Transport hazard class(es):	No dangerous good in sense of this transport regulation
14.4	Packing group:	No dangerous good in sense of this transport regulation
14.5	Environmental hazards	ENVIRONMENTALLY HAZARDOUS: no
14.6	Special precautions for	
	user	No dangerous good in sense of this transport regulation
14.7	Transport in bulk	
	according to Annex II of	
	MARPOL73/78 and the IBC Code	No dangerous good in sense of this transport regulation

15 Regulatory information

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

EU regulatory information

2010/75/EU (VOC): 0,025 % (0,246 g/l)

2004/42/EC (VOC): 0,025 % (0,246 g/l)

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions:

Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D):	3 - highly water contaminating
Skin resorption/Sensitization :	Causes allergic hypersensitivity reactions.

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16 Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

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CAS: C	S: European List of Notified Chemical Substances Chemical Abstracts Service
	_ethal concentration, 50%
LD50. L	_ethal dose, 50%
	ases (Number and full text)
10	Flammable.
20/22	Harmful by inhalation and if swallowed.
38	Irritating to skin.
41	Risk of serious damage to eyes.
43	May cause sensitisation by skin contact.
48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed.
52	Harmful to aquatic organisms.
53	May cause long-term adverse effects in the aquatic environment.
60	May impair fertility.
61	May cause harm to the unborn child.
68	Possible risks of irreversible effects.
Relevant H- and	d EUH-phrases (Number and full text)
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H302+	
H332	Harmful if swallowed or if inhaled.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
	8 Contains Menthone. May produce an allergic reaction.
201120	
Eventhe on lightering of	
Further Informati	non nation describes exclusively the safety requirements of the product and is based on our present

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

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