QSIL550A

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ΕN

Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Product name QSIL550A

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

Silicone Encapsulant. Intended use

1.3. Details of the supplier of the safety data sheet

CHT UK BRIDGWATER LTD Name Full address **Amber House Showground Road**

District and Country TA6 6AJ **Bridgwater** (Somerset)

England

Tel. +44(0)1278411400 +44(0)1278411444

e-mail address of the competent person

responsible for the Safety Data Sheet info.uk@cht.com

CHT Germany GmbH Supplier:

Bismarckstraße 102 72072 Tübingen Germany

1.4. Emergency telephone number

Australia: 0418529118 For urgent inquiries refer to

All other enquiries +44(0)1278 411400

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Hazardous to the aquatic environment, chronic H412 Harmful to aquatic life with long lasting effects. toxicity, category 3

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:

Signal words:

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

Avoid release to the environment P273

2.3. Other hazards

vPvB substances contained:

DECAMETHYLCYCLOPENTASILOXANE

@EPY 11.1.2 - SDS 1004.14



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SECTION 2. Hazards identification .../>>

DODECAMETHYL CYCLOHEXASILOXANE

PBT substances contained:
DECAMETHYLCYCLOPENTASILOXANE
DODECAMETHYL CYCLOHEXASILOXANE

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.1 Substances

Information not relevant

3.2. Mixtures

Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

QUARTZ IN LIQUID SUSPENSION

CAS 14808-60-7 $47.5 \le x < 50$

EC 238-878-4

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REACH Reg. Exempt

DODECAMETHYL CYCLOHEXASILOXANE

CAS 540-97-6 0.3 ≤ x < 0.4 Substance PBT EC 208-762-8 Substance vPvB

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REACH Reg. 01-2119517435-42

DECAMETHYLCYCLOPENTASILOXANE

 CAS
 541-02-6 $0.3 \le x < 0.4$ Substance PBT

 EC
 208-764-9 Substance vPvB

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REACH Reg. 01-2119511367-43

OCTAMETHYLCYCLOTETRASILOXANE

CAS 556-67-2 $0.025 \le x < 0.13$ Repr. 2 H361f, Aquatic Chronic 1 H410 M=10

EC 209-136-7

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REACH Reg. 01-2119529238-36

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT



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SECTION 5. Firefighting measures .../>>

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available



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SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

CZE	Česká Republika	Nařízení vlády č. 41/2020 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů
DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe. Mitteilung 56
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
NOR	Norge	Forskrift om endring i forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier), 21. august 2018 nr. 1255
NLD	Nederland	Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy
SWE	Sverige	Hygieniska gränsvärden, Årbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden (AFS 2018:1)
GBR	United Kingdom TLV-ACGIH RCP TLV	EH40/2005 Workplace exposure limits (Fourth Edition 2020) ACGIH 2021 ACGIH TLVs and BEIs – Appendix H

	QUARTZ IN LIQUID SUSPENSION												
Threshold Limit V	Threshold Limit Value												
Туре	Country	TWA/8h		STEL/15	min	Remarks / Observations							
		mg/m3	ppm	mg/m3	ppm								
TLV	CZE	0.1											
MAK	DEU	0.15											
VLA	ESP	0.05											
VLEP	FRA	0.1				RESP							
TLV	NOR	0.1				RESP							
TGG	NLD	0.075				RESP							
NDS/NDSCh	POL	2				INHAL							
NDS/NDSCh	POL	0.3				RESP							
NGV/KGV	SWE	0.1				RESP							
WEL	GBR	0.3											
TLV-ACGIH		0.025											

		DE	CAMETHYLCY	CLOPENTASIL	OXANE			
Predicted no-effect cor	ncentration	- PNEC						
Normal value in fresh	water					0.0012	mg/l	
Normal value in marir	ne water					0.00012	mg/l	
Normal value for fres	h water sedi	ment				2.4	mg/kg	
Normal value for mar	ine water se	diment				0.24	mg/kg	
Normal value of STP	Normal value of STP microorganisms 10 mg/l							
Normal value for the	terrestrial co	mpartment				1.1	mg/kg	
Health - Derived no-effe	ect level - D	NEL / DMEL						
	Effects or	n consumers	Effects on work			workers		
Route of exposure	Acute	Acute	Chronic	Chronic	Acute	Acute	Chronic	Chronic
	local	systemic	local	systemic	local	systemic	local	systemic
Oral		5		5				
				mg/kg bw/d				
Inhalation			4.3	17.3			24.2	97.3
			mg/m3	mg/m3			mg/m3	mg/m3



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SECTION 8. Exposure controls/personal protection .../>

			DOD	ECAMETHYL C	CYCLOHEXASI	LOXANE			
hreshold Limit Va	alue								
Туре	Country	TWA/8h		STEL/15	min	Remarks /	Observations		
		mg/m3	ppm	mg/m3	ppm				
RCP TLV			10			RESP			
redicted no-effect	t concentra	tion - PNEC	;						
Normal value for	fresh water	sediment					2.826	mg/kg	
Normal value for	marine wat	er sediment					0.282	mg/kg	
Normal value of	STP microo	rganisms					1	mg/l	
Normal value for	the terrestr	ial compartn	nent				3.336	mg/kg	
lealth - Derived no	o-effect leve	el - DNEL / I	OMEL						
	Effe	cts on consu	mers			Effects on workers			
Route of exposur	re Acut	te Acu	ıte	Chronic	Chronic	Acute	Acute	Chronic	Chronic
	loca	l sys	temic	local	systemic	local	systemic	local	systemic
Oral					1.7 mg/kg bw/d				
Inhalation				0.3 mg/m3	2.7 mg/m3			1.22 mg/m3	11 mg/m3

		00	CTAMETHYLCY	CLOTETRASI	LOXANE			
Predicted no-effect cor	ncentration	- PNEC						
Normal value in marii	ne water					0.044	mg/l	
Normal value for fres	h water sedii	ment				0.128	mg/kg	
Normal value of STP	microorgani	sms				100	mg/l	
Normal value for the	terrestrial co	mpartment				0.16	mg/kg	
Health - Derived no-eff	ect level - D	NEL / DMEL						
	Effects or	consumers		Effects on v	vorkers			
Route of exposure	Acute	Acute	Chronic	Chronic	Acute	Acute	Chronic	Chronic
	local	systemic	local	systemic	local	systemic	local	systemic
Inhalation	61	305	61	305				
	mg/m3	mg/m3	mg/m3	mg/m3				

Legend:

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available; NEA = no exposure expected; NPI = no hazard identified.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529. ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.



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SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

PropertiesValueInformationAppearanceviscous liquidColourlight grey

Odour mild Melting point / freezing point Not available Initial boiling point Not available Not available Flammability Lower explosive limit Not available Upper explosive limit Not available Flash point 180 °C 400 °C Auto-ignition temperature Not available рΗ

Kinematic viscosity 2836.9 cSt
Dynamic viscosity 4000 mPas

Solubility immiscible with water Partition coefficient: n-octanol/water Not available Vapour pressure Not available

Density and/or relative density

Relative vapour density

Particle characteristics

1.41

Not available

Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

 VOC (Directive 2010/75/EU)
 0.70 % - 9.93
 g/litre

 VOC (volatile carbon)
 0.23 % - 3.21
 g/litre

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the

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SECTION 11. Toxicological information .../>>

toxicological effects of exposure to the product.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

ATE (Oral) of the mixture:

ATE (Dermal) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

DECAMETHYLCYCLOPENTASILOXANE

LD50 (Oral): 4800 mg/kg (Rat)

OCTAMETHYLCYCLOTETRASILOXANE

 LD50 (Dermal):
 > 2375 mg/kg Rat

 LD50 (Oral):
 4800 mg/kg Rat, male

 LD50 (Male Internal Inte

LC50 (Inhalation vapours): 36 mg/l/4h Rat, male and female

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility



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SECTION 11. Toxicological information

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

This product is dangerous for the environment and the aquatic organisms. In the long term, it have negative effects on aquatic environment.

12.1. Toxicity

OCTAMETHYLCYCLOTETRASILOXANE

LC50 - for Fish

EC50 - for Crustacea

EC10 for Algae / Aquatic Plants

Chronic NOEC for Fish

Chronic NOEC for Crustacea

0.015 mg/l/48h Daphnia magna > 0.022 mg/l/96h Pseudokirchneriella subcapitata > 0.0044 mg/l Oncorhynchus mykiss

> 0.022 mg/l/96h Oncorhynchus mykiss

> 0.0015 mg/l Daphnia magna

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available





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SECTION 12. Ecological information .../>>

12.5. Results of PBT and vPvB assessment

vPvB substances contained: DECAMETHYLCYCLOPENTASILOXANE DODECAMETHYL CYCLOHEXASILOXANE

PBT substances contained: DECAMETHYLCYCLOPENTASILOXANE DODECAMETHYL CYCLOHEXASILOXANE

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant



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SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EU:

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point

Point 3 - 40

Contained substance

Point 75

Point 70 OCTAMETHYLCYCLOTETRASILOXANE

REACH Reg.: 01-2119529238-36

70 DECAMETHYLCYCLOPENTASILOXANE

REACH Reg.: 01-2119511367-43

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

DECAMETHYLCYCLOPENTASILOXANE

REACH Reg.: 01-2119511367-43

DODECAMETHYL CYCLOHEXASILOXANE

REACH Reg.: 01-2119517435-42

OCTAMETHYLCYCLOTETRASILOXANE

REACH Reg.: 01-2119529238-36

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Repr. 2 Reproductive toxicity, category 2

Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1 Aquatic Chronic 3 Hazardous to the aquatic environment, chronic toxicity, category 3

H361f Suspected of damaging fertility.

H410 Very toxic to aquatic life with long lasting effects.H412 Harmful to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number



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SECTION 16. Other information .../>>

- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EÚ) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

ΕN



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QSIL550A

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SECTION 16. Other information .../>>

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review: The following sections were modified: 02 / 03 / 04 / 06 / 07 / 08 / 11 / 12 / 13 / 15 / 16.