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

UNIVERSAL SILICONE

Product identifier 1.1.

Product form

: Mixture

Product name Type of product : Universal Silicone : adhesives

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

#### **Relevant identified uses** 1.2.1.

Use of the substance/mixture

: Filling, sealing and insulation material.

#### Uses advised against 1.2.2.

No additional information available

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

#### Manufacturer

WINKEL GmbH Lisztstraße 1 53881 Euskirchen - Germany Tel.: +49 2251 77 69 400-401 Fax: +49 2251 77 69 402 E-Mail: info@winkelgroup.de - Internet: www.winkelgroup.de

#### Emergency telephone number 1.4.

**Emergency number** +49 2251 77 69 400-401 (WINKEL)

#### **SECTION 2: Hazards identification**

Classification of the substance or mixture 2.1.

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### Label elements 2.2.

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements	: EUH208-Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an
	allergic reaction.
	FLIH210 - Safety data sheet available on request

EUH210 - Safety data sheet available on request.

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#### 2.3. Other hazards

No additional information available

# SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated middle, Gasoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately 205 °C to 400 °C (401 °F to 752 °F).]	(CAS-No.) 64742-46-7 (EC-No.) 265-148-2 (EC Index-No.) 649-221-00-X	20 - 30	Asp. Tox. 1, H304
(Note N)			
Distillates (petroleum), hydrotreated light, Kerosine - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]	(CAS-No.) 64742-47-8 (EC-No.) 265-149-8 (EC Index-No.) 649-422-00-2	1 - 10	Asp. Tox. 1, H304

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4,5-dichloro-2-octyl-2H-isothiazol-3-one	(CAS-No.) 64359-81-5	0.0025 -	Acute Tox. 4 (Oral),
	(EC-No.) 264-843-8	0.025	H302
			Acute Tox. 4 (Dermal),
			H312
			Acute Tox. 1
			(Inhalation), H330
			Skin Corr. 1A, H314
			Eye Dam. 1, H318
			Skin Sens. 1, H317
			STOT SE 3, H335
			Aquatic Acute 1, H400

Note N : The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
First-aid measures after skin contact	: Wash skin with plenty of water. Get medical attention if symptoms occur.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Get medical attention if irritation develops and persists.
First-aid measures after ingestion	: DO NOT induce vomiting. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms	and effects, both acute and delayed

No additional information available

# 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 : Water spray. Dry powder. Alcohol-resistant foam. Carbon dioxide.

- 5.2. Special hazards arising from the substance or mixture
- Hazardous decomposition products in : Toxic fumes may be released.case of fireHazardous combustion products:Carbon oxides, Silicon oxides, Formaldehyde.

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#### 5.3. Advice for firefighters

Protection during firefighting : Do

: Do not attempt to take action without suitable protective equipment. Selfcontained breathing apparatus. Complete protective clothing.

Specific extinguishing me-thods : Use extinguishing measures that are appropriate to local cir-cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

#### **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area.
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#### 6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up
  Soak up with inert absorbent material. For large spills, provide dyking or other appropriate contain-ment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and dis-posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.
- Other information : Dispose of materials or solid residues at an authorized site.
- 6.4. Reference to other sections

For further information refer to section 13.

#### SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. Take care to prevent spills, waste and minimize release to the environment.	
Hygiene measures	: Ensure that eye flushing systems and safety showers are located close t the working place. When using do not eat, drink or smoke. Was contaminated clothing before re-use.	

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

Storage conditions

: Store in a well-ventilated place. Keep cool.

Keep in properly labelled containers. Store in accordance with the particular national regulations.

Do not store with the following product types: Strong oxidizing agents

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

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may re-quire added precautions.

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

#### 8.1. Control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis	
Amorphous fumed	112945-52-5	TWA (inhalable dust)	6 mg/m3	GB EH40	
silica		· · · ·	(Silica)		
Further information	For the purposes of the	hese limits, respirable a	lust and inhalable dust	are those fractions of	
	airborne dust which w	vill be collected when so	ampling is undertaken i	n accordance with the	
	methods described in	MDHS14/3 General met	hods for sampling and	gravimetric analysis of	
	respirable and inhalat	ole dust, The COSHH de	efinition of a substance	e hazardous to health	
	ma m-2 8-bour TWA	na when present at a co	ma m-2. 8-bour TWA o	f respirable dust This	
	means that any dust	will be subject to COSE	HH if people are expos	ed above these levels.	
	Some dusts have been	assigned specific WELs	and ex-posure to these	must comply with the	
	appropriate limit., Mo	ost industrial dusts cor	ntain particles of a wic	le range of sizes. The	
	behaviour, deposition	and fate of any par	ticular particle after e	entry into the human	
	respiratory system and	d the body response th	at it elicits, depend on	the nature and size of	
	the particle. HSE dis	stinguishes two size f	ractions for limit-sett	ing purposes termed	
	'inhalable' and 'respirable', inhalable dust approximates to the fraction of air-borne				
	denosition in the respiratory tract. Respirable dust approx-imates to the fraction that				
	penetrates to the ga	s exchange region of	the lung. Fuller definit	tions and explanatory	
	material are given in	material are given in MDHS14/3., Where dusts contain components that have their own			
	assigned WEL, all the r	elevant limits should be	complied with., Where	no specific short-term	
	exposure limit is listed, a figure three times the long-term exposure should be used				
			Γ	Γ	
		TWA (Respirable	2.4 mg/m3	GB EH40	
Further information	For the number of th	dust)	(SIIICA)	and those fractions of	
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the				
	methods described in MDHS14/3 General methods for sampling and gravimetric analysis of				
	respirable and inhalable dust. The COSHH definition of a substance hazardous to health				
	includes dust of any ki	nd when present at a co	oncentration in air equa	al to or greater than 10	
	mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This				
	means that any dust	will be subject to COSI	HH if people are expos	ed above these levels.	

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These substance(s) are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard.

Amorphous fumed silica

Substance name	Environmental Compartment	Value
4,5-Dichloro-2-N-Octyl-4-	Tatlı su	0,034 μg/l
Isothiazolin-3-One		
	Fresh water sediment	0.41 mg/kg
	Marine sediment	0.0034 mg/kg
	Sewage treatment plant	0.064 mg/l
	Soil	0.062 mg/kg
	Oral (Secondary Poisoning)	4.49 mg/kg food
	Marine water	0.0068 μg/l

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

#### 8.2. Exposure controls

Appropriate engineering controls:

Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Hand protection: Wear protective gloves Wash hands before breaks and at the end of workday.

Eye protection: Safety glasses, Wear the following personal protective equipment: Safety glasses

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Combined particulates and organic vapour type (A-P)

Environmental exposure controls:

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Avoid release to the environment.

#### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physic Physical state	cal and chemical properties : Liquid
Appearance Colour	: Paste. : White, Black, Grey and various colors.
Odour	: No data available
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >100 °C (closed cup)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.96
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: Not oxidising.
Explosive limits	: No data available

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#### 9.2. Other information

Self ignition: The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self heating. **SECTION 10: Stability and reactivity** 

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Oxidizing agents

10.6. Hazardous decomposition products

Formaldehyde

#### SECTION 11: Toxicological information

11.1. Inf	<sup>i</sup> ormation or	i toxicologica	l effects
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Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

#### Distillates (petroleum), hydrotreated middle :64742-46-7

	Acute oral toxicity	Acute inhalation toxicity	Acute dermal toxicity
Parameter:	LD50 (Rat): > 5000 mg/kg	LC50 (Rat): > 5,266 mg/m3 Exposure time: 4 h Test atmosphere: dust/mist	LD50 (Rabbit): > 3,160 mg/kg Assessment: The substance or mixture has no acute dermal toxicity
Assessment:	-	-	Assessment: The substance or mixture has no acute dermal toxicity

#### Distillates (petroleum), hydrotreated light: 64742-47-8

	Acute oral toxicity	Acute inhalation toxicity	Acute dermal toxicity
Parameter:	LD50 (Rat): > 5,000 mg/kg	LC50 (Rat): > 5.3 mg/l Exposure time: 4 h Test atmosphere: dust/mist	LD50 (Rabbit): > 3,160 mg/kg
Assessment:	-	Assessment: The substance or mixture has no acute inhala-tion toxicity	The substance or mixture has no acute dermal toxicity

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#### 4,5-Dichloro-2-N-Octyl-4-Isothiazolin-3-One

	Acute oral toxicity	Acute inhalation toxicity	Acute dermal toxicity
Parametre :	LD50 (Rat): 1,636 mg/kg	LC50 (Rat): 0.26 mg/l Exposure time: 4 h Test atmosphere: dust/mist	Acute toxicity estimate: 1,100 mg/kg Method: Expert judgement
Değerlendirme:	-	Assessment: Corrosive to the respiratory tract.	Expert judgement

Skin corrosion/irritation : Not classified

Distillates (petroleum), hydrotreated middle: 64742-46-7	
Species	Rabbit
Method:	OECD Test Guideline 404
Results:	No skin irritation
Distillates (petroleum), hydrotreated light: 64742-47-8	Assessment: Repeated exposure may cause skin dryness or cracking.
4,5-Dichloro-2-N-Octyl-4-Isothiazolin-3-One:	Result: Corrosive after 1 to 4 hours of exposure

Serious eye damage/irritation : Not classified

Distillates (petroleum), hydrotreated middle: 64742-46-7			
Species	Rabbit		
Method:	OECD Test Guideline 405		
Results:	No eye irritation		
Distillates (petroleum), hydrotreated light: 64742-47-8	Species: Rabbit Result: No eye irritation		
4,5-Dichloro-2-N-Octyl-4-Isothiazolin-3-One:	Result: Irreversible effects on the eye		
	Remarks: Based on skin corrosivity.		

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Respiratory or skin sensitisation : Not classified

	Distillates (petroleum), hydrotreated middle:	Distillates (petroleum), hydrotreated light:	4,5-Dichloro-2-N-Octyl-4- Isothiazolin-3-One:
Test Type:	Maximisation Test	Maximisation Test	Maximisation Test
Exposure Route:	Skin contact	Skin contact	Skin contact
Species:	Guinea pig	Guinea pig	Guinea pig
Result:	negative	negative	positive
Remarks/ Assessment	Based on data from similar materials	Based on data from similar materials	Assessment: Probability or evidence of high skin sensitisation rate in humans.

Germ cell mutagenicity

: Not classified

Distillates (petroleum), hydrotreated middle:			
	Genotoxicity in vitro	Genotoxicity in vivo	
Test Type:	Bacterial reverse mutation assay (AMES)	Mutagenicity (in vivo mammalian bone- marrow cytogenetic test, chromosomal analysis)	
Result	negative	Species: Rat Application Route: Intraperitoneal injection Result: negative	
Distillates (petroleum), hydrotreate	ed light:		
Test Type:	Bacterial reverse mutation assay (AMES)	Chromosomal aberration	
Result	Negative	Species: Rat Application Route: Intraperitoneal injection Result: negative Remarks: Based on data from similar materials	

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Carcinogenicity

: Not classified.

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**Components Distillates ( petroleum), hydrotreated middle:** Classified based on the conditions cited in Nota N (Regulation (EC) 1272/2008, Annex VI, Part 3, Note N)

Reproductive toxicity

: Not classified

Distillates (petroleum), hydrotreated middle

Effects	Effects on fertility	Effects on foetal development
Test Type	Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test	Embryo-foetal development
Species	Species: Rat	Species: Rat
Application Route	Application Route: Ingestion	Application Route: Ingestion
Method	Method: OECD Test Guideline 422	Method: OECD Test Guideline 414
Results	Result: negative	nesult negative
Remarks	Based on data from similar materials	-

Distillates	(petroleum),	hydrotreated li	ight:
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Effects	Effects on fertility	Effects on foetal development
Test Type	One-generation reproduction toxicity study	Embryo-foetal development
Species Application Route Method Results	Species: Rat Application Route: Ingestion Result: negative	Species: Rat Application Route: Ingestion Result: negative
Remarks:	Based on data from similar materials	-

4,5-Dichloro-2-N-Octyl-4-Isothiazolin-3-One:

Effects	Effects on fertility	Effects on foetal development
Test Type	One-generation reproduction toxicity study	Embryo-foetal development
Species		Species: Rat
Application Route	Species: Rat	Application Route: Ingestion
Method	Application Route: Ingestion	Result: negative
Results	nesure negative	

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STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

#### 4,5-Dichloro-2-N-Octyl-4-Isothiazolin-3-One:

Exposure routes: Ingestion

Assessment: No significant health effects observed in animals at concentrations of 100 mg/kg bw or less.

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#### Repeated Dose Toxicity

	Distillates (petroleum), hydrotreated middle:	Distillates (petroleum), hydrotreated light:	4,5-Dichloro-2-N-Octyl-4- Isothiazolin-3-One:
Species	Rat	Rat	Rat
NOAEL/ LOAEL	5000 mg/kg	>10,4 mg/l	20 mg/kg- 100 mg/kg
Application Route	ingestion	inhalation( vapour)	Ingestion
Exposure Time	13 Weeks	90 days	28 Days
Remarks	Based on data from similar materials	Based on data from similar materials	-

Aspiration hazard

: Not classified

#### Components:

**Distillates (petroleum), hydrotreated middle:** The substance or mixture is known to cause human aspiration toxicity hazards or has to be re-garded as if it causes a human aspiration toxicity hazard.

**Distillates (petroleum), hydrotreated light:** The substance or mixture is known to cause human aspiration toxicity hazards or has to be re-garded as if it causes a human aspiration toxicity hazard.

#### SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)		
LC50 fish 1	o.oo27 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pisces, Experimental value)	
EC50 Daphnia 1	0.0052 mg/l (48 h, Daphnia magna, Literature study)	
ErC50 (algae)	o.077 mg/l (OECD 201: Alga, Growth Inhibition Test, 96 h, Pseudokirchneriella subcapitata, Experimental value)	

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4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)			
M factor –Acute Aquatic toxicity	100		
Toxicity to microorganisms	EC50 : > 5.7 mg/l Exposure time: 3 h		
Toxicity to fish (Chronic toxicity)	NOEC: 0.00056 mg/l Exposure time: 97 d Species: Oncorhynchus mykiss (rainbow trout)		
Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)	NOEC: 0.00063 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)		
M-Factor (Chronic aquatic toxicity)	10		

Distillates (petroleum), hydrotreated middle:		
Toxicity to fish	LL50 (Scophthalmus maximus (turbot)): > 1,028 mg/l Exposure time: 96 h Test substance: Water Accommodated Fraction	
Toxicity to daphnia and other aquatic invertebrates	LL50 (Acartia tonsa): > 3,193 mg/l Exposure time: 48 h Test substance: Water Accommodated Fraction	
Toxicity to algae	EL50 (Skeletonema costatum (marine diatom)): > 10,000 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction	
Toxicity to microorganisms	EC50 : > 100 mg/l Exposure time: 3 h Method: OECD Test Guideline 209	
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOELR: > 100 mg/l Exposure time: 8 d Species: Ceriodaphnia dubia (water flea) Test substance: Water Accommodated Fraction	

Distillates (petroleum), hydrotreated light:		
Toxicity to fish	LL50 (Danio rerio (zebra fish)): > 250 mg/l Exposure time: 96 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 203	
Toxicity to daphnia and other aquatic invertebrates	EL50 (Acartia tonsa): > 3,193 mg/l Exposure time: 48 h Test substance: Water Accommodated Fraction	
Toxicity to algae	EL50 (Skeletonema costatum (marine diatom)): > 3,200 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction NOELR (Skeletonema costatum (marine diatom)): 993 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction	
Toxicity to microorganisms	EC50 : > 100 mg/l Exposure time: 3 h	
Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)	NOELR: > 70 mg/l Exposure time: 8 d Species: Ceriodaphnia dubia (water flea) Test substance: Water Accommodated Fraction	

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#### 12.2. Persistence and degradability

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)			
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.		
Distillates (petroleum), hydrotreated middle:			
Result: Readily biodegradable, Biodegradation: 74 % ,Exposure time: 28 d, Method: OECD Test Guideline 306			
Distillates (petroleum), hydrotreated light:			
Result: Readily biodegradable, Biodegradation: 82 ,% Exposure time: 24 d, Method: OECD Test Guideline 301F			
12.2 Bioaccumulative notential			

#### 12.3. Bioaccumulative potential

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)		
Log Pow	log Pow: 2.8	
Bioaccumulative potential	Species: Lepomis macrochirus (Bluegill sunfish) Bioconcentration factor (BCF): 750	

#### 12.4. Mobility in soil

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)		
Ecology - soil	No (test)data on mobility of the substance available. Toxic to flora.	

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

No additional information available

#### 12.6. Other adverse effects

No additional information available

#### SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1.	UN number		
UN-No.	(ADR)	: N	lot applicable
UN-No.	(IMDG)	: N	lot applicable
UN-No.	(IATA)	: N	lot applicable
UN-No.	(ADN)	: N	lot applicable
UN-No.	(RID)	: N	lot applicable

NK

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Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es) ADR	
Transport hazard class(es) (ADR)	: Not applicable
<b>IMDG</b> Transport hazard class(es) (IMDG)	: Not applicable
<b>IATA</b> Transport hazard class(es) (IATA)	: Not applicable
ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

# 14.6. Special precautions for user

#### - Overland transport

Not applicable

# - Transport by sea

Not applicable

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#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

#### SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Distillates (petroleum), hydrotreated middle, Gasoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately 205 °C to 400 °C (401 °F to 752 °F).] - Distillates (petroleum), hydrotreated light, Kerosine - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302
	hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]

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3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Distillates (petroleum), hydrotreated middle, Gasoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately 205 °C to 400 °C (401 °F to 752 °F).] - Distillates (petroleum), hydrotreated light, Kerosine - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]
28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Carcinogen category 1A or 1B (Table 3.1) or Carcinogen category 1 or 2 (Table 3.2) and listed as follows: Carcinogen category 1A (Table 3.1)/Carcinogen category 1 (Table 3.2) listed in Appendix 1 Carcinogen category 1B (Table 3.1)/Carcinogen category 2 (Table 3.2) listed in Appendix 2	Distillates (petroleum), hydrotreated middle, Gasoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately 205 °C to 400 °C (401 °F to 752 °F).]

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

#### SECTION 16: Other information

Abbreviations and acronyms:

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ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF	

THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Classification according to Regulation (EC) No. 1272/2008 [CLP].

#### Full text of H- and EUH-statements:

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Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
GB EH40	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA	Long-term exposure limit (8-hour TWA reference period)
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
Н330	Fatal if inhaled.
H335	May cause respiratory irritation.
H350	May cause cancer.

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H400	Very toxic to aquatic life.
EUH210	Safety data sheet available on request.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, Information and belief at the date of its publication.

The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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SDS EU