

Trade name: Plast Star**Product no.:** 108999**Current version :** 1.1.0, issued: 25.03.2022**Replaced version:** 1.0.0, issued: 16.09.2020**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

Plast Star**1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

care product for plastic

Uses advised against

No data available.

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

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

For information in the event of an emergency during transport:

+44 1865 407333

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

Aquatic Chronic 2; H411

Asp. Tox. 1; H304

Flam. Liq. 2; H225

STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS02



GHS07



GHS08



GHS09

Signal word

Danger

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Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Hazard statement(s)

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapours/spray.
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P370+P378 In case of fire: Use water spray, carbon dioxide, dry chemical or foam to extinguish.
P391 Collect spillage.

2.3 Other hazards

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
	- 920-750-0 - 01-2119473851-33	Asp. Tox. 1; H304 Aquatic Chronic 2; H411 Flam. Liq. 2; H225 STOT SE 3; H336 EUH066	>= 70.00 - < 90.00	wt%
2	siloxanes and silicones, di-Me, polymers with mesilsesquioxanes, (2-amino-1-methylethoxy)-terminated			
	201167-67-1 620-329-9 - -	Skin Irrit. 2; H315 Eye Irrit. 2; H319	< 5.00	wt%
3	decamethylcyclopentasiloxane			
	541-02-6 208-764-9 -	-	< 0.50	wt%

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	01-2119511367-43			
4	octamethylcyclotetrasiloxane		pls. refer to footnote (2)	
	556-67-2 209-136-7 014-018-00-1 01-2119529238-36	Flam. Liq. 3; H226 Repr. 2; H361f Aquatic Chronic 1; H410	< 0.50	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(2) According to the latest state of knowledge and applying the criteria set out in annex I to Regulation (EC) No 1272/2008, the aforementioned classification is required. This classification goes beyond the classification set out in table 3, Annex VI to Regulation (CE) No 1272/2008.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
4	-	-	-	M = 10

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off with water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting - aspiration hazard. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed**Effects**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet; Foam; Carbon dioxide; Dry chemical extinguisher

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixtureIn the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Oxides of silica; Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear full protective suit. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water. Run-off water from fire fighting must not be discharged

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into drains or enter surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Keep away from ignition sources.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values**DNEL values (worker)**

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No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			-	
				920-750-0	
	dermal	Long term (chronic)	systemic	773	mg/kg/day
	inhalative	Long term (chronic)	systemic	2035	mg/m ³
2	octamethylcyclotetrasiloxane			556-67-2	
				209-136-7	
	inhalative	Long term (chronic)	systemic	73.00	mg/m ³
	inhalative	Short term (acut)	systemic	73.00	mg/m ³
	inhalative	Long term (chronic)	local	73.00	mg/m ³
	inhalative	Short term (acut)	local	73.00	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			-	
				920-750-0	
	oral	Long term (chronic)	systemic	699	mg/kg/day
	dermal	Long term (chronic)	systemic	699	mg/kg/day
	inhalative	Long term (chronic)	systemic	608	mg/m ³
2	octamethylcyclotetrasiloxane			556-67-2	
				209-136-7	
	oral	Long term (chronic)	systemic	3.70	mg/kg/day
	oral	Short term (acut)	systemic	3.70	mg/kg/day
	inhalative	Long term (chronic)	systemic	13.00	mg/m ³
	inhalative	Short term (acut)	systemic	13.00	mg/m ³
	inhalative	Long term (chronic)	local	13.00	mg/m ³
	inhalative	Short term (acut)	local	13.00	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	octamethylcyclotetrasiloxane		556-67-2	
			209-136-7	
	water	fresh water	1.5	µg/L
	water	marine water	0.15	µg/L
	water	fresh water sediment	3	mg/kg
	with reference to: dry weight			
	water	marine water sediment	0.3	mg/kg
	with reference to: dry weight			
	soil	-	0.54	mg/kg
	with reference to: dry weight			
sewage treatment plant	-	10.00	mg/kg	
secondary poisoning	-	41.00	mg/kg	
with reference to: food				

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Filter A or environment-independent breathing apparatus.

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Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	viton		
Material thickness		0.7	
Appropriate Material	nitrile		
Material thickness		0.4	mm
Breakthrough time	>	120	min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

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

State of aggregation	
liquid	
Form/Colour	
liquid	
white; cloudy	
Odour	
fruity	
pH value	
Not applicable	
Boiling point / boiling range	
Value	105 °C
Reference substance	EC 920-750-0
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Value	1 °C
Ignition temperature	
No data available	
Oxidising properties	
not oxidizing	
Explosive properties	
The product is not explosive. Formation of explosive/highly flammable air-vapour mixtures is possible during/after use.	
Flammability	
No data available	
Lower explosion limit	

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No data available

Upper explosion limit

No data available

Vapour pressure

No data available

Relative vapour density

No data available

Relative density

No data available

Density

Value	0.775	g/cm ³
Reference temperature	20	°C

Solubility in water

Comments	immiscible
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Solubility

No data available

Partition coefficient n-octanol/water (log value)

No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
	log Pow		6.49
	Reference temperature		25.1 °C
	Method	OECD 123	
	Source	ECHA	

Viscosity

Value	<	7	mm ² /s
Reference temperature		40	°C
Type	kinematic		

Particle characteristics

No data available

9.2 Other information**Other information**

No data available.

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

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Static discharges.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

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SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
LD50	>	5840	mg/kg bodyweight
Species	rat		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
LD50	>	4800	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
LD50	> 2800	- 3100	mg/kg bodyweight
Species	rat		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
LD50	>	2400	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		
Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
LC50	>	23.3	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
LC50		36	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Species	rabbit		
Method	OECD 404		
Source	ECHA		

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Evaluation	non-irritant		
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
Route of exposure	Skin		
Species	guinea pig		
Source	ECHA		
Evaluation	non-sensitizing		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Carcinogenicity			
No data available			
STOT - single exposure			
No data available			
STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
Route of exposure	inhalational		
Species	rat		
Source	ECHA		

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

Aspiration hazard

No data available

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

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
LL50		3	- 10 mg/l
Duration of exposure			96 h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
LC50		>	22 µg/l
Duration of exposure			96 h
Species	Oncorhynchus mykiss		
Method	EPA OTS 797.1400		
Source	ECHA		

Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
NOELR			0.57 mg/l
Duration of exposure			28 day(s)
Species	Oncorhynchus mykiss		
Method	(Q)SAR		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
NOEC		>=	4.4 µg/l
Duration of exposure			93 day(s)
Species	Oncorhynchus mykiss		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
EL50		4.6	- 10 mg/l
Duration of exposure			48 h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
EC50		>	15 µg/l
Duration of exposure			48 h
Species	Daphnia magna		

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Method	EPA OTS 797.1300
Source	ECHA

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
NOELR		1	1.6
Duration of exposure			21
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
NOEC			7.9
Species	Daphnia magna		
Method	EPA OTS 797.1330		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
EL50		10	30
Duration of exposure			72
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
EC50		>	22
Duration of exposure			96
Species	Pseudokirchneriella subcapitata		
Method	EPA OTS 797.1050		
Source	ECHA		

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
NOELR			6.3
Duration of exposure			3
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Bacteria toxicity	
No data available	

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0
Type	aerobic biodegradation		
Value		98	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Value		3.7	%

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Duration	29	day(s)
Method	OECD 310	
Source	ECHA	
Evaluation	not readily biodegradable	

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)		
No	Substance name	EC no.
1	octamethylcyclotetrasiloxane	209-136-7
BCF		13400
Species	Pimephales promelas	
Method	EPA OTS 797.1520	
Source	ECHA	

Partition coefficient n-octanol/water (log value)		
No	Substance name	EC no.
1	octamethylcyclotetrasiloxane	209-136-7
log Pow		6.49
Reference temperature		25.1 °C
Method	OECD 123	
Source	ECHA	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.
vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge into drains or waters and do not dispose of in public landfills.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

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SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
Special Provision 640	640D
Tunnel restriction code	D/E
Label	3
Environmentally hazardous substance mark	Symbol "fish and tree"

14.2 Transport IMDG

Class	3
Packing group	II
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
EmS	F-E, S-E
Label	3
Marine pollutant mark	Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	II
UN number	UN1993
Proper shipping name	Flammable liquid, n.o.s.
Technical name	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
Label	3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

The product contains following substance(s) meeting the criteria in Article 57 in association with Article 59 of the REACH regulation ((EC) 1907/2006) that are placed on the list of candidates considered for inclusion in annex XIV

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(substances subject to Authorisation).			
No	Substance name	CAS no.	EC no.
1	decamethylcyclopentasiloxane	541-02-6	208-764-9
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3, 40
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The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	citral	5392-40-5	226-394-6	75
2	decamethylcyclopentasiloxane	541-02-6	208-764-9	70
3	linalool	78-70-6	201-134-4	75
4	octamethylcyclotetrasiloxane	556-67-2	209-136-7	70, 75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:	E2, P5b
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If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product. Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information
Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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