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# Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

**1.1 Product identifier** 

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## Cavity Sealing Gold L263 1 | Art.: 6620 6093, Art.: 6624 6093

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

Cavity protection Uses advised against: No information available at present.

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

Theo Förch GmbH & Co. KG Theo-Förch-Str. 11 – 15 74196 Neuenstadt Tel.: 07139/95-0 Fax: 07139/95-199 Email: info@foerch.de Homepage: www.foerch.com

Details of the supplier of the safety data sheet see section 16 of this safety data sheet.

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number Emergency information services / official advisory body:

**Telephone number of the company in case of emergencies:** +49 (0) 700 / 24 112 112 (TFC)

## **SECTION 2: Hazards identification**

	of the substance or mixtu rding to Regulation (EC)	
Hazard class	Hazard category	Hazard statement
Flam. Liq.	3	H226-Flammable liquid and vapour.
STOT SE	3	H336-May cause drowsiness or dizziness.
Aquatic Chronic	3	H412-Harmful to aquatic life with long lasting effects.

2.2 Label elements Labeling according to Regulation (EC) 1272/2008 (CLP)



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H226-Flammable liquid and vapour. H336-May cause drowsiness or dizziness. H412-Harmful to aquatic life with long lasting effects.

P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261-Avoid breathing vapours or spray. P273-Avoid release to the environment. P312-Call a POISON CENTRE / doctor if you feel unwell.

EUH066-Repeated exposure may cause skin dryness or cracking.

 $Hydrocarbons, \, C9{\text -}C10, \, n{\text -}alkanes, \, isoalkanes, \, cyclics, \, {\text <}2\% \, aromatics$ 

#### 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).

#### **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

#### n.a. 3.2 Mixtures

S.Z MIXINCS	
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Registration number (REACH)	01-2119471843-32-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	927-241-2
CAS	
content %	50-<75
Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	EUH066
	Flam. Liq. 3, H226
	STOT SE 3, H336
	Asp. Tox. 1, H304
	Aquatic Chronic 3, H412

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

If, for example, the note P is applied for a hydrocarbon then this has already been taken into account for the classification named here.

Quote: "Note P - The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7)."

Article 4 of the regulation (EC) no. 1272/2008 (CLP regulation) was also observed and taken into account for the classification named here.

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

#### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!



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#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting. Consult doctor immediately.

In case of vomiting, keep head low so that the stomach content does not reach the lungs.

**4.2 Most important symptoms and effects, both acute and delayed** If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

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

Symptomatic treatment.

### **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

### Suitable extinguishing media

CO2 Dry extinguisher Sand Water jet spray

#### Unsuitable extinguishing media

High volume water jet

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

In case of fire the following can develop: Oxides of carbon Oxides of nitrogen Oxides of sulphur Toxic gases Flammable vapour/air mixtures

#### 5.3 Advice for firefighters

For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.

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

## 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Avoid contact with eyes or skin. If applicable, caution - risk of slipping.

#### 6.1.2 For emergency responders

See section 8 for suitable protective equipment and material specifications.

#### 6.2 Environmental precautions



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If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent from entering drainage system. Prevent surface and ground-water infiltration, as well as ground penetration. If accidental entry into drainage system occurs, inform responsible authorities.

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

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Do not wash away with water or watery cleaning agents.

#### 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

#### **SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

## 7.1 Precautions for safe handling

#### 7.1.1 General recommendations

Ensure good ventilation. Avoid inhalation of the vapours. Keep away from sources of ignition - Do not smoke. Take measures against electrostatic charging, if appropriate. Avoid contact with eyes or skin. Do not carry cleaning cloths soaked in product in trouser pockets. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use. Use working methods according to operating instructions. 7.1.2 Notes on general hygiene measures at the workplace General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed. 7.2 Conditions for safe storage, including any incompatibilities Keep out of access to unauthorised individuals. Not to be stored in gangways or stair wells. Store product closed and only in original packing. Observe special storage conditions. Do not store with flammable or self-igniting materials.

Protect from direct sunlight and warming. Store in a well ventilated place.

Store cool.

Store in a dry place.

#### 7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40): 800 mg/m3

Chemical Name	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic	s, <2% aromatics						
WEL-TWA: 800 mg/m3	WEL-STEL:							
Monitoring procedures:	<ul> <li>Draeger - Hydrocarbons 0,1%/c (8)</li> </ul>							
	- Draeger - Hydrocarbons 2/a (81 03 581)							
	- Compur - KITA-187 S (551 174)							
BMGV:		Other information: (OE	L acc. to RCP-method,					
		paragraphs 84-87, EH40	))					
Chemical Name	Paraffin wax, fume							
WEL-TWA: 2 mg/m3	WEL-STEL: 6 mg/m3							
Monitoring procedures:								
BMGV:		Other information:						



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Chemical Name	Oil mist, mineral			
WEL-TWA: 5 mg/m3 (Mineral oil, e	excluding metal	WEL-STEL:		
working fluids, ACGIH)	-			
Monitoring procedures:	-	Draeger - Oil Mist 1/a (67 33 031)		
BMGV:			Other information:	
-				

Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Consumer	Human - dermal	Long term, systemic effects	DNEL	46	mg/kg bw/d	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	185	mg/m3	
Consumer	Human - oral	Long term, systemic effects	DNEL	46	mg/kg bw/day	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	77	mg/kg bw/d	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	871	mg/m3	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE).
(11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).
(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

## 8.2 Exposure controls8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

## 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection: Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection: Protective gloves, oil resistant (EN ISO 374). If applicable Protective nitrile gloves (EN ISO 374). Protective gloves made of fluorocarbon rubber (EN ISO 374). Minimum layer thickness in mm: >= 0,4 Permeation time (penetration time) in minutes:



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The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time. Protective hand cream recommended.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection: If OES or MEL is exceeded. Filter A2 P2 (EN 14387), code colour brown, white Observe wearing time limitations for respiratory protection equipment.

Thermal hazards: Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

#### 8.2.3 Environmental exposure controls

No information available at present.

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

#### 9.1 Information on basic physical and chemical properties

5.1 mornation on basic physical and onen	
Physical state:	Liquid
Colour:	Brown
Odour:	Mineral oil
Melting point/freezing point:	There is no information available on this parameter.
Boiling point or initial boiling point and boiling range:	There is no information available on this parameter.
Flammability:	Flammable
Lower explosion limit:	There is no information available on this parameter.
Upper explosion limit:	There is no information available on this parameter.
Flash point:	30 °C (ISO 2719 (Pensky-Martens, closed cup))
Auto-ignition temperature:	~240 °C (DIN 51794)
Decomposition temperature:	There is no information available on this parameter.
pH:	Mixture is non-soluble (in water).
Kinematic viscosity:	>40 s (20°C, DIN 53211 (4 mm))
Solubility:	Insoluble
Partition coefficient n-octanol/water (log value):	Does not apply to mixtures.
Vapour pressure:	There is no information available on this parameter.
Density and/or relative density:	0,88 g/cm3 (15°C, DIN 51757)
Relative vapour density:	There is no information available on this parameter.
Particle characteristics:	Does not apply to liquids.
9.2 Other information	
Explosives:	There is no information available on this parameter.
Oxidising liquids:	There is no information available on this parameter.

## **SECTION 10: Stability and reactivity**

10.1 Reactivity
The product has not been tested.

10.2 Chemical stability
Stable with proper storage and handling.

10.3 Possibility of hazardous reactions
No dangerous reactions are known.

10.4 Conditions to avoid



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#### See also section 7. Heating, open flame, ignition sources **10.5 Incompatible materials**

See also section 7. Avoid contact with strong oxidizing agents.

## 10.6 Hazardous decomposition products

See also section 5.2

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No decomposition when used as directed.

## **SECTION 11: Toxicological information**

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

Possibly more information on health effects, see Section 2.1 (classification).
Cavity Sealing Gold L263

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin						n.d.a.
sensitisation:						
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity -						n.d.a.
single exposure (STOT-SE):						
Specific target organ toxicity -						n.d.a.
repeated exposure (STOT-RE):						
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	>4951	mg/m3/4h	Rat	OECD 403 (Acute Inhalation Toxicity)	Analogous conclusion, Maximum achievable concentration.
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant, Repeated exposure may cause skin dryness or cracking.
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Mild irritant (Analogous conclusion)
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Mild irritant, Analogous conclusion
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Not sensitizising
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Germ cell mutagenicity:				Human being	OECD 473 (In Vitro Mammalian Chromosome Aberration Test)	Negative, Analogous conclusion



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Germ cell mutagenicity:	Mouse	OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Negative, Analogous conclusion
Germ cell mutagenicity:	Mouse	OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)	Analogous conclusion
Germ cell mutagenicity:	Rat	OECD 478 (Genetic Toxicology - Rodent dominant Lethal Test)	Negative, Analogous conclusion
Germ cell mutagenicity:		OECD 479 (Genetic Toxicology - In Vitro Sister Chromatid Exchange assay in Mammalian Cells)	Negative, Analogous conclusionChine e hamster
Carcinogenicity:	Rat	OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies)	Negative, Analogous conclusion
Reproductive toxicity:	Rat	OECD 414 (Prenatal Developmental Toxicity Study)	Negative, Analogous conclusion
Reproductive toxicity:	Rat	OECD 415 (One- Generation Reproduction Toxicity Study)	Negative, Analogous conclusion
Specific target organ toxicity - single exposure (STOT-SE):			May cause drowsiness or dizziness.
Aspiration hazard:			Yes
Symptoms: Specific target organ toxicity -	Rat	OECD 408 (Repeated	drowsiness, unconsciousness, , heart/circulatory disorders, headaches, cramps, drowsiness, mucous membrane irritation, dizziness, nausea and vomiting. No indications of
repeated exposure (STOT-RE), oral:	Kal	Dose 90-Day Oral Toxicity Study in Rodents)	Analogous conclusion
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	Rat	OECD 413 (Subchronic Inhalation Toxicity - 90- Day Study)	Vapours, No indications of such an effect., Analogous conclusion

## 11.2. Information on other hazards

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Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes	
Endocrine disrupting properties:	-					Does not apply to mixtures.	
Other information:						No other relevant information available on adverse effects on health.	



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## **SECTION 12: Ecological information**

Possibly more information on environmental effects, see Section 2.1 (classification).

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:							n.d.a.
12.1. Toxicity to daphnia:							n.d.a.
12.1. Toxicity to algae:							n.d.a.
12.2. Persistence and							Isolate as much
degradability:							as possible with
							an oil separator.
12.3. Bioaccumulative potential:							n.d.a.
12.4. Mobility in soil:							n.d.a.
12.5. Results of PBT and vPvB assessment							n.d.a.
12.6. Endocrine							Does not apply
disrupting properties:							to mixtures.
12.7. Other adverse							No information
effects:							available on
							other adverse
							effects on the environment.
Other information:							According to the
							recipe, contains
							no AOX.
Other information:							DOC-elimination
							degree(complex
							ng organic
							substance)>=
						1	80%/28d: n.a.

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LL50	96h	>10-<30	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to fish:	NOEC/NOEL	28d	0,182	mg/l	Oncorhynchus mykiss	,	
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	0,317	mg/l	Daphnia magna		
12.1. Toxicity to daphnia:	EL50	48h	>22-<46	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	NOELR	72h	<1	mg/l	Pseudokirchneriell a subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
12.1. Toxicity to algae:	EL50		>1000	mg/l	Pseudokirchneriell a subcapitata		
12.2. Persistence and degradability:		28d	89	%		OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)	Readily biodegradable
12.2. Persistence and degradability:	ThOD	28d	53-55	%			Biodegradable
12.3. Bioaccumulative potential:	Log Pow		4-5,7				
12.4. Mobility in soil:							Product floats or the water surface.



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12.5. Results of PBT and vPvB assessment						No PBT substance, No vPvB substance
Toxicity to bacteria:	EC50	>'	000	mg/l		
Other information:	AOX					Does not contain any organically bound halogens which can contribute to the AOX value in waste water.
Water solubility:		~	0,04	g/l		Insoluble20°C

## **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

### For the substance / mixture / residual amounts

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of. EC disposal code no .:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be

allocated under certain circumstances. (2014/955/EU)

13 02 08 other engine, gear and lubricating oils

Recommendation:

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Sewage disposal shall be discouraged.

Pay attention to local and national official regulations. E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

## For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely. Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

**SECTION 14: Transport information** 

General statements		
14.1. UN number or ID number:	1268	
Transport by road/by rail (ADR/RID)		
14.2. UN proper shipping name:		
UN 1268 PETROLEUM PRODUCTS, N.O.S.		
14.3. Transport hazard class(es):	3	<b>•</b>
14.4. Packing group:	III	•
Classification code:	F1	
LQ:	5 L	
14.5. Environmental hazards:	Not applicable	
Tunnel restriction code:	D/E	
Transport by sea (IMDG-code)		
14.2. UN proper shipping name:		
PETROLEUM PRODUCTS, N.O.S.		
14.3. Transport hazard class(es):	3	
14.4. Packing group:	III	•
EmS:	F-E, S-E	
Marine Pollutant:	n.a	
14.5. Environmental hazards:	Not applicable	
Transport by air (IATA)		
14.2. UN proper shipping name:		
Petroleum products, n.o.s.		
14.3. Transport hazard class(es):	3	
14.4. Packing group:		•
14.5. Environmental hazards:	III Not applicable	



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#### 14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

14.7. Maritime transport in bulk according to IMO instruments

Non-dangerous material according to Transport Regulations.

## **SECTION 15: Regulatory information**

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

Observe restrictions:

Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of	Qualifying quantity (tonnes) of
		dangerous substances as	dangerous substances as
		referred to in Article 3(10) for the	referred to in Article 3(10) for the
		application of - Lower-tier	application of - Upper-tier
		requirements	requirements
P5c		5000	50000

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC):

Observe incident regulations.

## 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## **SECTION 16: Other information**

2

Revised sections:

These details refer to the product as it is delivered. Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Flam. Liq. 3, H226	Classification based on test data.
STOT SE 3, H336	Classification according to calculation procedure.
Aquatic Chronic 3, H412	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Flam. Liq. — Flammable liquid STOT SE — Specific target organ toxicity - single exposure - narcotic effects Aquatic Chronic — Hazardous to the aquatic environment - chronic Asp. Tox. — Aspiration hazard

#### Key literature references and sources for data:

52 %



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#### Any abbreviations and acronyms used in this document:

according, according to acc., acc. to Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the ADR International Carriage of Dangerous Goods by Road) AOX Adsorbable organic halogen compounds approx. approximately Art., Art. no. Article number ASTM ASTM International (American Society for Testing and Materials) ATE Acute Toxicity Estimate Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany) BAM BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF **Bioconcentration factor** BSEF The International Bromine Council body weight bw CAS **Chemical Abstracts Service** CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic DMEL Derived Minimum Effect Level DNEL Derived No Effect Level

DOC Dissolved organic carbon



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not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.



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