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SECTION 1: Identification of the	substance/mixture and of the company/undertaking	3
• <b>1.1 Product identifier</b> • Trade name:	Stone Impregnation	
· Article number:	10834, 10835, 10845, 10836, 10837, 10864	
<ul> <li><u>1.2 Relevant identified uses of</u> the substance or mixture and <u>uses advised against</u></li> <li>Application of the substance / the</li> </ul>	No further relevant information available.	
mixture	Protective impregnation	
<u>1.3 Details of the supplier of the</u> Manufacturer/Supplier:	<u>safety data sheet</u> AKEMI chemisch technische Spezialfabrik GmbH Lechstrasse 28 D 90451 Nürnberg	Tel. +49(0)911-642960 Fax. +49(0)911-644456 e-mail info@akemi.de
<u>Further information obtainable</u> from:	Laboratory	
<ul> <li>1.4 Emergency telephone number:</li> </ul>	Product Safety Department AKEMI chemisch technisc Tel. +49(0)911-64296-59 Reachable during the following office hours: Monday – Thursday from 07:30 a.m. to 16:30 p.m. Friday from 07:30 a.m. to 13:30 p.m. +44 (171) 635 91 91 National Poison Inform. Centre Medical Toxicology Unit Avalonley Road London SE14 5ER	he Spezialfabrik GmbH
• <u>2.1 Classification of the substand</u> • <u>Classification according to Regulat</u> GHS02 flame		
Flam. Liq. 3 H226 Flammab	ble liquid and vapour.	
GHS06 health hazard		
Asp. Tox. 1 H304 May be fa	atal if swallowed and enters airways.	
GHS09 environment		
Aquatic Chronic 2 H411 Toxic to a	aquatic life with long lasting effects.	
<ul> <li>• <u>2.2 Label elements</u></li> <li>• Labelling according to Regulation (EC) No 1272/2008</li> <li>• Hazard pictograms</li> </ul>	The product is classified and labelled according to the	CLP regulation.
Signal word	GHS02 GHS08 GHS09	
<ul> <li>Signal word</li> <li>Hazard-determining components</li> </ul>	Danger	
of labelling:	Hydrocarbons, C10-C12, Isoalkanes, <2% aromatics 2,2,4,6,6-pentamethylheptan	

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<ul> <li>Hazard statements</li> </ul>	H226 Flammable liquid and vapour.
	H304 May be fatal if swallowed and enters airways.
	H411 Toxic to aquatic life with long lasting effects.
<ul> <li>Precautionary statements</li> </ul>	P101 If medical advice is needed, have product container or label a
riodationary statements	hand.
	P102 Keep out of reach of children.
	P103 Read label before use.
	P210 Keep away from heat, hot surfaces, sparks, open flames and othe ignition sources. No smoking.
	P273 Avoid release to the environment.
	P280 Wear protective gloves.
	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
	P302+P352 IF ON SKIN: Wash with plenty of water.
	P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
	P403+P235 Store in a well-ventilated place. Keep cool.
	P405 Store locked up.
	P501 Dispose of contents/container in accordance with local/regional national/international regulations.
<ul> <li>Additional information:</li> </ul>	EUH066 Repeated exposure may cause skin dryness or cracking.
· 2.3 Other hazards	
<ul> <li>Results of PBT and vPvB asse</li> </ul>	sment
· PBT:	Not applicable.
· VPvB:	Not applicable.
· <u>PBT:</u>	Not applicable.

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

### · 3.2 Chemical characterisation: Mixtures

Description:	Mixture of substances listed below with nonhazardous additions.	
Dangerous components:		
EC number: 923-037-2	Hydrocarbons, C10-C12, Isoalkanes, <2% aromatics	25-50%
Reg.nr.: 01-2119471991-29-xxxx	📀 Flam. Liq. 3, H226	1
	🚯 Asp. Tox. 1, H304	
	Aquatic Chronic 2, H411	
CAS: 13475-82-6	2,2,4,6,6-pentamethylheptan	25-50%
EINECS: 236-757-0	🚸 Flam. Liq. 3, H226	1
Reg.nr.: 01-2119490725-29	🐼 Asp. Tox. 1, H304	
	Aquatic Chronic 4, H413	
Additional information:	For the wording of the listed hazard phrases refer to section 16.	·

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

### · 4.1 Description of first aid measures

<ul> <li>General information:</li> </ul>	Take affected persons out into the fresh air.
	Position and transport stably in side position.
	Immediately remove any clothing soiled by the product.
After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	If skin irritation continues, consult a doctor.
	Immediately wash with water and soap and rinse thoroughly.
After eye contact:	Rinse opened eye for several minutes under running water. Then consult a
	doctor.
<u>After swallowing:</u>	If symptoms persist consult doctor.
<ul> <li>4.2 Most important symptoms</li> </ul>	
and effects, both acute and	
delayed	Headache
	Dizziness
	Dizziness
	(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

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	(Contd. of page 2) Nausea
	Breathing difficulty
	Coughing
	Profuse sweating
<ul> <li>Information for doctor:</li> </ul>	Symptoms in intoxication with (aromatic) hydrocarbons (dosis letalis about 30 g)
	a) In acute intoxication: headache, dizziness, euphoria, gastro-intestinal
	dysfunction, state of excitement, coma.
	b) In chronic intoxication: myelotoxic damage, fatigue, dizziness, emaciation, cardiac palpitation after physical exercise, leucopenia, anemia, leukosis.
	Therapy in hydrocarbons intoxication: In case of inhalation provision of fresh air;
	in case of peroral intake administration of Carbo medicinalis; only after
	intubation conduct of gastrolavage in application of Carbo medicinalis; in case of
	cramps administration of Diazepam 20 mg intravenously.
· Hazards	Danger of impaired breathing.
• 4.3 Indication of any immediate	
medical attention and special treatment needed	If swallowed, gastric irrigation with added, activated carbon.
treatment needed	If swallowed or in case of vomiting, danger of entering the lungs.
SECTION 5: Firefighting measur	es
• 5.1 Extinguishing media	CO2 nowder or water energy. Fight larger first with water energy or clocked
Suitable extinguishing agents:	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<ul> <li>For safety reasons unsuitable</li> </ul>	resistant roam.
extinguishing agents:	Water with full jet
5.2 Special hazards arising from	
the substance or mixture	Formation of toxic gases is possible during heating or in case of fire.
	In case of fire, the following can be released:
	Carbon monoxide (CO) Under certain fire conditions, traces of other toxic gases cannot be excluded.
<ul> <li>5.3 Advice for firefighters</li> </ul>	onder certain me conditions, traces of other toxic gases carnot be excluded.
Protective equipment:	Wear self-contained respiratory protective device.
<b>i</b>	Do not inhale explosion gases or combustion gases.
	Wear fully protective suit.
Additional information	Dispose of fire debris and contaminated fire fighting water in accordance with
	official regulations.
	Collect contaminated fire fighting water separately. It must not enter the sewage system.
	-,
SECTION 6: Accidental release r	neasures
6.4 Demonstrations	
<ul> <li><u>6.1 Personal precautions</u>, protective equipment and</li> </ul>	
emergency procedures	Ensure adequate ventilation
chergency procedures	Keep away from ignition sources.
	Use respiratory protective device against the effects of fumes/dust/aerosol.
	Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:	Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

• <u>6.3 Methods and material for</u> <u>containment and cleaning up:</u> Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

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6.4 Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
SECTION 7: Handling and storage	ge
7.1 Precautions for safe	
<u>handling</u>	Keep receptacles tightly sealed. Store in cool, dry place in tightly closed receptacles. Keep away from heat and direct sunlight. Ensure good interior ventilation, especially at floor level. (Fumes are heavi
	than air). Use only in well ventilated areas. Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection:	Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
7.2 Conditions for safe storage,	including any incompatibilities
• <u>Storage:</u> • Requirements to be met by	
storerooms and receptacles:	Store only in the original receptacle. Prevent any seepage into the ground.
Information about storage in one common storage facility:	Store away from oxidising agents. Store away from foodstuffs.
Further information about storage conditions:	
	Store receptacle in a well ventilated area. Store in a cool place. Keep container tightly sealed.
7.3 Specific end use(s)	No further relevant information available.
SECTION 8: Exposure controls/p	personal protection
Additional information about design of technical facilities:	No further data; see item 7.
8.1 Control parameters Ingredients with limit values that require monitoring at the	
workplace:	The product does not contain any relevant quantities of materials with critic values that have to be monitored at the workplace.
Additional information:	The lists valid during the making were used as basis.
<b>8.2 Exposure controls</b> Personal protective equipment: General protective and hygienic	
measures:	Do not eat, drink, smoke or sniff while working. Apply solvent resistant skin cream before starting work. Use skin protection cream for skin protection.
	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.
Respiratory protection:	Do not inhale gases / fumes / aerosols. Filter AX In case of brief exposure or low pollution use respiratory filter device. In case
Protection of hands:	intensive or longer exposure use self-contained respiratory protective device. Preventive skin protection by use of skin-protecting agents is recommended. (Contd. on page

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	(Contd. of page 4)
	After use of gloves apply skin-cleaning agents and skin cosmetics.
	Skin protection agent recommendation for preventive skin shelter without use of protective gloves:
	STOKODERM (http://www.stoko.com)
	Skin protection agent recommendation for preventive skin shelter in application
	and combination of protective gloves:
	STOKO EMULSION (http://www.stoko.com)
	Skin protection recommendation for skin cleaning after product handling:
	FRAPANTOL (http://www.stoko.com)
	Skin protection agent recommendation for skin aftercare:
	STOKO VITAN (http://www.stoko.com)
	The protection gloves to be used have to comply with the specifications of the
	directive 89/686/EC and the directive derived decree EN374, respectively, e.g.
	the above listed protection glove type. The mentioned permeation times' data
	were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL
	GmbH in compliance with EN374.
	This recommendation refers exclusively to the material safety data sheet
	referenced product delivered by Akemi and the indicated field of application. In
	case of product dilution or in case of mixture with different substances or
	chemicals, and in condition of EN374 deviation the producer of CE-approved
	protection gloves must be contacted for detailed information (e.g., KCL GmbH,
	Germany, 36124 Eichenzell, internet: http://www.kcl.de).
	Protective gloves
	The glove material has to be impermeable and resistant to the
	product/ the substance/ the preparation.
	Due to missing tests no recommendation to the glove material can be
	given for the product/ the preparation/ the chemical mixture.
	Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
<ul> <li>Material of gloves</li> </ul>	Fluorocarbon rubber (Viton)
	Nitrile rubber, NBR
	The selection of the suitable gloves does not only depend on the material, but
	also on further marks of quality and varies from manufacturer to manufacturer.
	As the product is a preparation of several substances, the resistance of the
	glove material can not be calculated in advance and has therefore to be checked
	prior to the application.
<ul> <li>Penetration time of glove material</li> </ul>	Value for the permeation: Level $\leq$ 6, 480 min
	The exact break trough time has to be found out by the manufacturer of the
For the normanant contact gloves	protective gloves and has to be observed.
<ul> <li>For the permanent contact gloves made of the following materials are</li> </ul>	
suitable:	Fluorocarbon rubber (Viton)
	Vitoject (KCL, Art_No. 890)
	Nitrile rubber, NBR
	Camatril (KCL, Art_No. 730, 731, 732, 733)
<ul> <li>As protection from splashes gloves</li> </ul>	
made of the following materials are	
suitable:	Fluorocarbon rubber (Viton)
	Vitoject (KCL, Art_No. 890)
	Nitrile rubber, NBR
Not ouitable are slaves made of	Camatril (KCL, 730, 731, 732, 733)
Not suitable are gloves made of the following materials:	Natural rubbar, NP
the following materials:	Natural rubber, NR Rubber gloves
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		(Contra of some
	Lasthar alouas	(Contd. of page
	Leather gloves	
	Strong material gloves	
	Neoprene gloves	
<ul> <li>Eye protection:</li> </ul>		
<u></u>		
	Tightly sealed goggles	
Body protection:	Protective work clothing	
SECTION 9: Physical and chen	nical properties	
• 9.1 Information on basic physic	•••	
General Information		
· Appearance:		
Form:	Fluid	
Colour:	Colourless	
· <u>Odour:</u>	Characteristic	
· pH-value:	Not applicable	
Change in condition		
Melting point/freezing point:	Undetermined.	
Initial boiling point and boiling r	<u>ange:</u> 180 °C	
· Flash point:	> 40 °C	
Ignition temperature:	240 °C	
Auto-ignition temperature:	Product is not selfigniting.	
		,. <u>,</u>
Explosive properties:	Product is not explosive. However, forr mixtures are possible.	nation of explosive air/vapor
Explosion limits:		
Lower:	0.6 Vol %	
Upper:	7 Vol %	
· Vapour pressure at 20 °C:	1 hPa	
Density at 20 °C:	0.76 g/cm³	
Solubility in / Miscibility with		
	Not missible or difficult to miss	
water:	Not miscible or difficult to mix.	
<ul> <li>Viscosity:</li> </ul>		
	Not determined	
Dynamic:	Not determined.	
Kinematic at 20 °C:	10 s (DIN 53211/4)	
Solvent content:		
Solvent content:		
Organic solvents:	93.4 %	
	4.0.0/	
Solids content:	4.8 %	
Solids content: • 9.2 Other information	4.8 % No further relevant information available.	
	No further relevant information available.	
• 9.2 Other information SECTION 10: Stability and read	No further relevant information available.	
• 9.2 Other information SECTION 10: Stability and read • 10.1 Reactivity	No further relevant information available.	
• 9.2 Other information SECTION 10: Stability and read	No further relevant information available.	
• 9.2 Other information     SECTION 10: Stability and read     · <u>10.1 Reactivity</u> · <u>10.2 Chemical stability</u>	No further relevant information available.	
• 9.2 Other information  SECTION 10: Stability and read      • 10.1 Reactivity     • 10.2 Chemical stability     • Thermal decomposition /	No further relevant information available.	to specifications
• <u>9.2 Other information</u> SECTION 10: Stability and read     · <u>10.1 Reactivity</u> · <u>10.2 Chemical stability</u> · <u>Thermal decomposition /</u> conditions to be avoided:	No further relevant information available.	to specifications.
• 9.2 Other information  SECTION 10: Stability and read      • 10.1 Reactivity     • 10.2 Chemical stability     • Thermal decomposition /	No further relevant information available.	to specifications.
• 9.2 Other information  SECTION 10: Stability and read      • 10.1 Reactivity     • 10.2 Chemical stability     • Thermal decomposition /     conditions to be avoided:     • 10.3 Possibility of hazardous	No further relevant information available.	to specifications.
• 9.2 Other information  SECTION 10: Stability and read      • 10.1 Reactivity     • 10.2 Chemical stability     • Thermal decomposition /     conditions to be avoided:	No further relevant information available. ctivity No further relevant information available. No decomposition if used and stored according Reacts with strong oxidising agents.	to specifications.
9.2 Other information  SECTION 10: Stability and read      10.1 Reactivity     10.2 Chemical stability     Thermal decomposition /     conditions to be avoided:     10.3 Possibility of hazardous     reactions	No further relevant information available. <b>Etivity</b> No further relevant information available. No decomposition if used and stored according Reacts with strong oxidising agents. Forms flammable gases/fumes.	to specifications.
• <u>9.2 Other information</u> SECTION 10: Stability and read      • <u>10.1 Reactivity</u> • <u>10.2 Chemical stability</u> • <u>Thermal decomposition /</u> conditions to be avoided:      • <u>10.3 Possibility of hazardous</u>	No further relevant information available. ctivity No further relevant information available. No decomposition if used and stored according Reacts with strong oxidising agents.	to specifications. (Contd. on page

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ade name: Stor	ne Impregnation		
			(Contd. of page
· 10.5 Incompa	tible materials:	No further relevant information available.	(Conta. or page
	us decomposition		
products:		Carbon monoxide and carbon dioxide	
SECTION 11:	Toxicological infor	mation	
· 11.1 Informati	ion on toxicologica	leffects	
Acute toxicity		Based on available data, the classification criteria are not met	
· LD/LC50 value	es relevant for classif	fication:	
		nes, <2% aromatics	
Oral LD5	• •	•	
	50/8h >5 mg/l (rat)		
	2,4,6,6-pentamethy	Ibontan	
Oral LD5		•	
		(iai)	
	50/8h >5 ppm (rat)		
<ul> <li>Primary irritant</li> <li>Skin corrosion</li> </ul>		Based on available data, the classification criteria are not met	
Serious eye da		Based on available data, the classification criteria are not met	
	skin sensitisation	Based on available data, the classification criteria are not met	
		enicity and toxicity for reproduction)	
Germ cell muta		Based on available data, the classification criteria are not met	
Carcinogenicit		Based on available data, the classification criteria are not met	
	toxicity	Based on available data, the classification criteria are not met	
		Based on evoluble data, the electricity oritoric are not mot	
STOT-single e	exposure	Based on available data, the classification criteria are not met	
Reproductive t     STOT-single e     STOT-repeate     Aspiration haze	exposure ed exposure	Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways.	
STOT-single e     STOT-repeate	exposure ed exposure	Based on available data, the classification criteria are not met	
STOT-single e     STOT-repeate     Aspiration haz	exposure ed exposure	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways.	
STOT-single e STOT-repeate Aspiration haz	exposure ed exposure ard	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways.	
STOT-single e STOT-repeate Aspiration haz SECTION 12: 12.1 Toxicity	exposure ed exposure eard Ecological informa	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways.	
STOT-single e STOT-repeate Aspiration haz SECTION 12: <u>12.1 Toxicity</u> Aquatic toxicity	exposure ed exposure card Ecological informa	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways.	
STOT-single e STOT-repeate Aspiration haz SECTION 12: 12.1 Toxicity Aquatic toxicity Hydrocarbons	exposure ed exposure ard Ecological informa <u>y:</u> s, C10-C12, Isoalka	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics	
STOT-single e STOT-repeate Aspiration haz SECTION 12: 12.1 Toxicity Aquatic toxicity Hydrocarbons EL0/48h 1	Ecological informa <u>y:</u> s, C10-C12, Isoalka (,000 mg/l (daphnia r	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna)	
STOT-single e STOT-repeate Aspiration haze SECTION 12: 12.1 Toxicity Aquatic toxicity Hydrocarbons EL0/48h 1 EL0/72h 1	exposure ed exposure aard Ecological informa <u>y:</u> s, C10-C12, Isoalka I,000 mg/l (daphnia r I,000 mg/l (Pseudoki	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata)	
STOT-single e STOT-repeate Aspiration haz SECTION 12: 12.1 Toxicity Aquatic toxicity Hydrocarbons EL0/48h 1 EL0/72h 1 LL0/96h 1	Ecological informa s, C10-C12, Isoalka 1,000 mg/l (Deudoki 1,000 mg/l (Oncorhyr	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss)	
STOT-single e STOT-repeate Aspiration haz SECTION 12: 12.1 Toxicity Aquatic toxicity Hydrocarbons EL0/48h 1 EL0/72h 1 LL0/96h 1 NOELR/72h 1	Ecological informa sard Ecological informa y: s, C10-C12, Isoalka 1,000 mg/l (daphnia r 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata)	
STOT-single e STOT-repeate Aspiration haz SECTION 12: 12.1 Toxicity Aquatic toxicity Hydrocarbons EL0/48h 1 EL0/72h 1 LL0/96h 1 NOELR/72h 1 NOELR/72h 4	Ecological informa s. C10-C12, Isoalka I,000 mg/l (daphnia r I,000 mg/l (Oncorhyr I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki I,000 mg/l (Aphnia mag	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna)	
STOT-single e STOT-repeate Aspiration haz SECTION 12: <u>12.1 Toxicity</u> Aquatic toxicity Hydrocarbons EL0/48h 1 EL0/72h 1 LL0/96h 1 NOELR/72h 1 NOELR/72h 2, 13475-82-6 2,	Ecological informa s, C10-C12, Isoalka c, C10-C12	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan	
STOT-single e         STOT-repeate         Aspiration haz         SECTION 12:         • 12.1 Toxicity         • Aquatic toxicity         Hydrocarbons         EL0/48h       1         EL0/72h       1         LL0/96h       1         NOELR/72h       1         NOELR/21d          13475-82-6 2,       ;         IC50/72h       >	Ecological informa 5. C10-C12, Isoalka 1,000 mg/l (daphnia r 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki 2,4,6,6-pentamethyl 1,000 mg/l (Pseudol	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata)	
STOT-single e         STOT-repeate         Aspiration haz         SECTION 12:         12.1 Toxicity         Aquatic toxicity         Hydrocarbons         EL0/48h       1         LL0/96h       1         NOELR/72h       1         NOELR/21d          13475-82-6       2,2         IC50/72h       >         EC50/48h       >	Ecological informa <u>y:</u> s, C10-C12, Isoalka I,000 mg/l (daphnia r I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki 2,4,6,6-pentamethyl >1,000 mg/l (Pseudol >1,000 mg/l (Aphnia magenti ),000 mg/l (Pseudol	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata) magna)	
STOT-single e         STOT-repeate         STOT-repeate         Aspiration haz         SECTION 12:         12.1 Toxicity         Aquatic toxicity         Hydrocarbons         EL0/48h       1         EL0/72h       1         NOELR/72h       1         NOELR/21d          IC50/72h       >         EC50/48h       >         LC50/96h       >	Ecological informa Ecological informa S, C10-C12, Isoalka I,000 mg/l (Deseudoki I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki Caphnia mag 2,4,6,6-pentamethyl >1,000 mg/l (Pseudol >1,000 mg/l (Concorhyl ),000 mg/l (Concorhyl ),000 mg/l (Concorhyl ),000 mg/l (Concorhyl) ),000 mg/l (Concorhyl)	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata) magna)	
STOT-single e         STOT-repeate         STOT-repeate         Aspiration haz         SECTION 12:         12.1 Toxicity         Aquatic toxicity         Hydrocarbons         EL0/48h       1         EL0/72h       1         NOELR/72h       1         NOELR/21d       2         IC50/72h       2         EC50/48h       2         12.2 Persister	Ecological informa Ecological informa S, C10-C12, Isoalka I,000 mg/l (daphnia r I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki Caphnia mag 2,4,6,6-pentamethyl >1,000 mg/l (Pseudol >1,000 mg/l (Concorhyn 1,000 mg/l (Concorhyn) 1,000	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata) magna) /nchus mykiss)	
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STOT-single e         STOT-repeate         STOT-repeate         Aspiration haz         SECTION 12:         • 12.1 Toxicity         • Aquatic toxicity         Hydrocarbors         EL0/48h       1         EL0/72h       1         NOELR/72h       1         NOELR/21d       2         IC50/72h       2         IC50/72h       2         IC50/96h       3         • 12.2 Persister       degradability         • 12.3 Bioaccur       1         Additional ecol       1	Ecological informa Ecological informa S. C10-C12, Isoalka I,000 mg/l (daphnia r I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki 2,4,6,6-pentamethyl >1,000 mg/l (Dseudol >1,000 mg/l (Dseudol >1,000 mg/l (Dseudol >1,000 mg/l (Oncorhy nce and mulative potential in soil logical information:	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata) magna) ynchus mykiss) No further relevant information available. No further relevant information available. No further relevant information available.	
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STOT-single e         STOT-repeate         Aspiration haz         SECTION 12:         12.1 Toxicity         Aquatic toxicity         Hydrocarbors         EL0/48h       1         EL0/72h       1         NOELR/72h       1         NOELR/21d       2         IC50/72h       2         IC50/72h       2         IC50/96h       2         IC50/96h       2         Additional ecol       3         Additional ecol       3	Ecological informa Ecological informa S, C10-C12, Isoalka 1,000 mg/l (daphnia r 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki 2,4,6,6-pentamethyl >1,000 mg/l (Pseudol >1,000 mg/l (Concorhyn 1,000 mg/l (	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata) magna) ynchus mykiss) No further relevant information available. No further relevant information available. No further relevant information available. No further relevant information available. No further relevant information available. Do not allow product to reach ground water, water course or s Water hazard class 1 (German Regulation) (Self-asse hazardous for water	
STOT-single e         STOT-repeate         Aspiration haz         SECTION 12:         12.1 Toxicity         Aquatic toxicity         Hydrocarbons         EL0/48h       1         EL0/72h       1         NOELR/72h       1         NOELR/21d          IC50/72h       >         EC50/48h       >         LC50/96h       >         12.2 Persister       degradability         Additional ecol       General notes	Ecological informa Ecological informa S. C10-C12, Isoalka I,000 mg/l (daphnia r I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki I,000 mg/l (Pseudoki 2,4,6,6-pentamethyl >1,000 mg/l (Dseudol >1,000 mg/l (Dseudol >1,000 mg/l (Dseudol >1,000 mg/l (Oncorhy nce and mulative potential in soil logical information:	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata) magna) ynchus mykiss) No further relevant information available. No further relevant information available. No further relevant information available. No further relevant information available. No further relevant information available. Do not allow product to reach ground water, water course or s Water hazard class 1 (German Regulation) (Self-asse hazardous for water	
STOT-single e         STOT-repeate         Aspiration haz         SECTION 12:         12.1 Toxicity         Aquatic toxicity         Hydrocarbors         EL0/48h       1         EL0/72h       1         NOELR/72h       1         NOELR/21d       2         IC50/72h       2         IC50/72h       2         IC50/96h       2         IC50/96h       2         Additional ecol       3         Additional ecol       3	Ecological informa Ecological informa S, C10-C12, Isoalka 1,000 mg/l (daphnia r 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki 1,000 mg/l (Pseudoki 2,4,6,6-pentamethyl >1,000 mg/l (Pseudol >1,000 mg/l (Concorhyn 1,000 mg/l (	Based on available data, the classification criteria are not met May be fatal if swallowed and enters airways. tion nes, <2% aromatics magna) rchneriella subcapitata) nchus mykiss) rchneriella subcapitata) gna) Iheptan kirchneriella subcapitata) magna) ynchus mykiss) No further relevant information available. No further relevant information available. Do not allow product to reach ground water, water course or s Water hazard class 1 (German Regulation) (Self-asse hazardous for water sessment	

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ade name: Stone Impregnation		
· 12.6 Other adverse effects	No further relevant information available.	(Contd. of page
SECTION 13: Disposal consid	erations	
13.1 Waste treatment methods     Recommendation	Must not be disposed together with household gar reach sewage system.	bage. Do not allow product
	ES (HOUSEHOLD WASTE AND SIMILAR COMME STES) INCLUDING SEPARATELY COLLECTED FRA	
. ,	fractions (except 15 01)	
20 01 13* solvents		
Uncleaned packaging:     Recommendation:	Empty contaminated packagings thoroughly. T thorough and proper cleaning.	They may be recycled af
Recommended cleansing agent	s: Alcohol	
SECTION 14: Transport inform	nation	
· <b>14.1 UN-Number</b> · ADR, IMDG, IATA	UN3295	
<ul> <li>• 14.2 UN proper shipping name</li> <li>• ADR</li> <li>• IMDG</li> </ul>	3295 HYDROCARBONS, LIQUID, N HAZARDOUS HYDROCARBONS, LIQUID, N.O.S.	
· IATA	HYDROCARBONS, LIQUID, N.O.S.	
• 14.3 Transport hazard class(e	<u>s)</u>	
· <u>ADR</u>		
· <u>Class</u> · <u>Label</u>	3 (F1) Flammable liquids. 3	
· <u>IMDG</u>		
· <u>Class</u> · <u>Label</u>	3 Flammable liquids. 3	
• <u>IATA</u>		
· <u>Class</u> · Label	3 Flammable liquids. 3	
		(Contd. on page

### Safety data sheet

according to 1907/2006/EC, Article 31

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	(Contd. of page 8)
· 14.4 Packing group · ADR, IMDG, IATA	III
<ul> <li>• 14.5 Environmental hazards:</li> <li>• Marine pollutant:</li> <li>• Special marking (ADR):</li> </ul>	Product contains environmentally hazardous substances: Symbol (fish and tree) Symbol (fish and tree)
<ul> <li>• 14.6 Special precautions for user</li> <li>• Danger code (Kemler):</li> <li>• EMS Number:</li> <li>• Stowage Category</li> </ul>	Warning: Flammable liquids. 30 F-E,S-D A
<ul> <li>14.7 Transport in bulk according to Annex Marpol and the IBC Code</li> </ul>	Not applicable.
<ul> <li>Transport/Additional information:</li> </ul>	
<ul> <li><u>ADR</u></li> <li><u>Limited quantities (LQ)</u></li> <li><u>Excepted quantities (EQ)</u></li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul> <li>Transport category</li> <li>Tunnel restriction code</li> </ul>	3 D/E
<ul> <li>IMDG</li> <li>Limited quantities (LQ)</li> <li>Excepted quantities (EQ)</li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS

#### **SECTION 15: Regulatory information**

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

<ul> <li>Directive 2012/18/EU</li> <li>Named dangerous substances - ANNEX I</li> <li>Seveso category</li> </ul>	None of the ingredients is listed. E2 Hazardous to the Aquatic Environment
Qualifying quantity (tappag) for the	P5c FLAMMABLE LIQUIDS
<ul> <li>Qualifying quantity (tonnes) for the application of lower-tier requirements</li> <li>Qualifying quantity (tonnes) for the application of upper-tier</li> </ul>	200 t
requirements	500 t
REGULATION (EC) No 1907/2006     ANNEX XVII	Conditions of restriction: 3, 40
<ul> <li>National regulations:</li> </ul>	
<ul> <li>Information about limitation of use:</li> </ul>	Employment restrictions concerning juveniles must be observed. Employment restrictions concerning pregnant and lactating women must be observed.
· Waterhazard class:	Water hazard class 1 (Self-assessment): slightly hazardous for water.
· <u>VOC EU</u>	710.5 g/l (Contd. on page 10)



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<ul> <li><u>15.2 Chemical safety</u> assessment:</li> </ul>	(Contd. of page 9) A Chemical Safety Assessment has not been carried out.	
SECTION 16: Other information This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.		
<u>Relevant phrases</u> <u>Recommended restriction of use</u>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. refer to Technical Data Sheet (TDS)	
Department issuing SDS:     Contact:     Abbreviations and acronyms:     * <u>Data compared to the previous</u> version altered.	Laboratory Dieter Zimmermann RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent DBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4	
version altered.	Adaptation in accordance with REACH directive 1907/2006/EC	