

Version 1.4		Revision Date 30.11.2015	Print Date 30.11.2015
1. IDENTIFICATION OF THE SUE	35	TANCE/MIXTURE AND OF THE COMPAN	IY/UNDERTAKING
Product information			
Product name	:	SYNTHESO LM 220	
Article-No.	:	012074	
Use of the Substance/Mixture	:	Grease	
Company	:	KLÜBER LUBRICATION MÜNCHEN Geisenhausenerstrasse 7 D-81379 München Deutschland Phone: +49 (0) 897876-0 Fax: +49 (0) 897876-333	
E-mail address	:	mcm@klueber.com Material Compliance Management	
National contact	:	Klüber Lubrication Australia Pty. Ltd. 1st Floor, 3 Brand Drive P.O. Box 4 Thomastown Victoria 3074 (Melbourne) Australia +61-3-9464-7577 Fax: +61-3-9464-7588 kluber.mel@au.klueber.com	
Emergency telephone number	:	(03) 9464 7577 (9am-5pm AEST, Mon-Fr 0011 49 89 7876 700 (24hrs)	i)
2. HAZARDS IDENTIFICATION			
Standard for the Uniform Scheduling of Medicines and Poisons	:	No poison schedule number allocated	
General advice		: Avoid induction of air, low cross-section pressures and fast pressure increase. De before putting into operation. The produc category silicone greases with PTFE. Th may form explosive decomposition react devices with high increase in pressure an of pipes.	egas system carefully of belongs to the is product category ions in conveying
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3. COMPOSITION/INFORMATION	ON INGREDIENTS	
Chemical nature	: silicone oil PTFE	
Hazardous components		
No hazardous ingredients		
4. FIRST AID MEASURES		
If inhaled	<ul> <li>Remove person to fresh air. If signs medical attention.</li> <li>Keep patient warm and at rest.</li> <li>If unconscious place in recovery po advice.</li> <li>Keep respiratory tract clear.</li> <li>If breathing is irregular or stopped, a respiration.</li> </ul>	sition and seek medical
In case of skin contact	<ul> <li>Take off all contaminated clothing in Wash off immediately with soap and Get medical attention immediately in persists.</li> <li>Wash clothing before reuse.</li> <li>Thoroughly clean shoes before reuse</li> </ul>	d plenty of water. f irritation develops and
In case of eye contact	: Rinse immediately with plenty of wa for at least 10 minutes. If eye irritation persists, consult a sp	
If swallowed	<ul> <li>Move the victim to fresh air.</li> <li>If unconscious place in recovery po advice.</li> <li>Keep respiratory tract clear.</li> <li>Do not induce vomiting without med Never give anything by mouth to an</li> </ul>	dical advice.
Notes to physician		
Symptoms	: No information available.	
Risks	: None known.	
Treatment	: No information available.	
5. FIREFIGHTING MEASURES		
Suitable extinguishing media	: Use extinguishing measures that ar circumstances and the surrounding	
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Unsuitable extinguishing media	: High volume water jet	
	: High volume water jet	
Specific hazards during firefighting	<ul> <li>Fire may cause evolution of: Carbon oxides Halogenated compounds Metal oxides Nitrogen oxides (NOx)</li> </ul>	
Special protective equipment for firefighters	<ul> <li>In the event of fire, wear self-conta Use personal protective equipmer In the case of respirable dust and/ breathing apparatus.</li> <li>Exposure to decomposition production health.</li> </ul>	nt. /or fumes, use self-contained
Further information	: Standard procedure for chemical f	fires.
6. ACCIDENTAL RELEASE MEAS	SURES	
Personal precautions	<ul> <li>Evacuate personnel to safe areas Use the indicated respiratory prote exposure limit is exceeded and/or (dust).</li> <li>Avoid breathing dust.</li> <li>Refer to protective measures lister</li> </ul>	ection if the occupational in case of product release
Environmental precautions	<ul> <li>Try to prevent the material from er courses.</li> <li>Local authorities should be advise cannot be contained.</li> </ul>	-
Methods for cleaning up	: Clean up promptly by sweeping or Keep in suitable, closed container	
. HANDLING AND STORAGE		
Handling		
Advice on safe handling	<ul> <li>Avoid contact with skin and eyes. For personal protection see sectio Smoking, eating and drinking shou application area. Wash hands and face before brea handling the product. Do not get in eyes or mouth or on Do not get on skin or clothing. Do not ingest. Do not repack. These safety instructions also app</li> </ul>	uld be prohibited in the iks and immediately after skin.
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	may still contain product residue Keep container closed when no	
Storage		
Requirements for storage areas and containers	: Store in original container. Keep container closed when no Keep in a dry, cool and well-ver Containers which are opened m kept upright to prevent leakage. Store in accordance with the pa Keep in properly labelled contai	ntilated place. hust be carefully resealed and inticular national regulations.
Materials to avoid	: No materials to be especially me	entioned.
XPOSURE CONTROLS/PE	RSONAL PROTECTION	
Components with workpla	ice control parameters	
	h occupational exposure limit values.	
<b>_</b>		
Engineering measures	holow accurational experience standard	la
	below occupational exposure standard	15.
Personal protective equip		
Respiratory protection	: Not required; except in case of a Filter type P	aerosol formation.
Hand protection	<ul> <li>For prolonged or repeated conta The selected protective gloves I specifications of EU Directive 89 EN 374 derived from it. The break through time depend material, the thickness and the t to be measured for each case. In case of contact through splas</li> </ul>	have to satisfy the 9/686/EEC and the standard is amongst other things on the type of glove and therefore has
	: Nitrile rubber Protective index Class 1	
Eye protection	: Tightly fitting safety goggles Safety glasses with side-shields	s conforming to EN166
Hygiene measures	: Wash face, hands and any expo handling.	osed skin thoroughly after
Protective measures	: The type of protective equipmer to the concentration and amoun at the specific workplace. Choose body protection in relati	t of the dangerous substance
	concentration and amount of da	

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the specific work-place.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	: paste
Colour	: white
Odour	: characteristic
Safety data	
Flash point	: Note: Not applicable
Ignition temperature	: Remarks: No data available
Lower explosion limit	: Note: No data available
Upper explosion limit	: Note: No data available
Flammability (solid, gas)	: Combustible Solids
Oxidizing properties	: Note: No data available
Auto-ignition temperature	: Note: No data available
рН	: Note: No data available
Melting point/range	: Note: No data available
Boiling point/boiling range	: Note: No data available
Sublimation point	: Note: No data available
Vapour pressure	: < 0,001 hPa at 20 °C
Density	: 1,27 g/cm3 at 20 °C
Bulk density	: Note: No data available
Water solubility	: Note: insoluble
Partition coefficient: n-	: Note: No data available
octanol/water Solubility in other solvents	: Note: No data available
Viscosity, dynamic	: Note: No data available



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Viscosity, kinematic	: Note: No data available		
Relative vapour density	: Note: No data available		
Evaporation rate	: Note: No data available		
STABILITY AND REACTIVIT	Y		
Conditions to avoid	: Remarks: No conditions to be spe	cially mentioned.	
Materials to avoid	: Remarks: No materials to be espe	cially mentioned.	
Hazardous decomposition products	formed. > 180°C small quantities of benze	Note: > 150°C small quantities of formaldehyde may be formed. > 180°C small quantities of benzene may be formed. > 280°C danger of forming toxic pyrolysis products.	
Hazardous reactions	: No dangerous reaction known unc	ler conditions of normal use.	
Acute oral toxicity	: Remarks: This information is not a	vailable.	
Acute inhalation toxicity	: Remarks: This information is not a	vailable.	
Acute dermal toxicity	: Remarks: This information is not a	vailable.	
Skin irritation	: Remarks: This information is not a	vailable.	
Eye irritation	: Remarks: This information is not a	vailable.	
Sensitisation	: Remarks: This information is not a	Remarks: This information is not available.	
Repeated dose toxicity	: This information is not available.		
Aspiration toxicity	: This information is not available.		
Further information	: Information given is based on data the toxicology of similar products.	a on the components and	
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. Ecological information		
Ecotoxicity effects		
Toxicity to fish	:	
	Remarks: No data available	
Toxicity to daphnia and other aquatic invertebrates	: Remarks: No data available	
Toxicity to algae	: Remarks: No data available	
Toxicity to bacteria	: Remarks: No data available	
Elimination information (pers	istence and degradability)	
Bioaccumulation	: Remarks: This mixture contains no substanc persistent, bioaccumulating and to This mixture contains no substanc persistent and very bioaccumulati	oxic (PBT). ce considered to be very
Mobility	: Remarks: No data available	
Distribution among environmental compartments	: Remarks: No data available	
Biodegradability	: Remarks: No data available	
Physico-chemical removability	: Remarks: No data available	
Further information on ecolo	ogy	
Additional ecological information	: No information on ecology is avail	able.
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3. DISPOSAL CONSIDERATION	IS		
Product	: The product should not be allowed courses or the soil.	: The product should not be allowed to enter drains, water courses or the soil.	
Contaminated packaging	: Empty containers can be landfilled, the local regulations.	when in accordance with	
14. TRANSPORT INFORMATION			
ADR			
Not dangerous goods			
ΙΑΤΑ			
Not dangerous goods			
IMDG			
Not dangerous goods			
15. REGULATORY INFORMATIO	N		
National regulatory informat	tion		
Standard for the Uniform Scheduling of Medicines and Poisons	: No poison schedule number allocat	ted	
16. OTHER INFORMATION			
Further information			
The information provided in th	is Safety Data Sheet is correct to the be late of its publication. The information giv		

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End of Safety Data Sheet

