



SAFETY DATA SHEET		Product trading name: Kelisilk 20	
Compliant with Regulation (EC) N°1907/2006 - N° 453/2010		Version: 01.2018	
Date of printing: 14/01/2018			
<b>1 SUBSTANCE/MIXTURE AND COMPANY IDENTIFICATION</b>			
1.1	Product trading name:	<i>Kelisilk 20</i>	
	Product code:	<i>P212122</i>	
1.2	Substance relevant uses:	<i>Raw material for cosmetic industries</i>	
1.3	Company name:	<i>Kelisema S.r.l.</i>	
	Address:	<i>Via Urago 13/B, 22038 - Tavernerio, Como - Italy</i>	
	Telephone:	<i>+39 031427746</i>	
	Fax:	<i>+39 031427745</i>	
	e-mail:	<i>website@kelisema.it</i>	
	Website:	<i>www.kelisema.it</i>	
1.4	Emergency telephone number:	<i>Not available</i>	
<b>2 HAZARD IDENTIFICATION</b>			
<b>2.1 CLASSIFICATION OF THE SUBSTANCE/MIXTURE</b>			
	In compliance with EC Regulation N°1272/2008 and its amendments	<i>This substance/mixture does not present a physical hazard</i>	
	In compliance with directives 67/548/EEC, 1999/45/EC and their amendments	<i>This substance/mixture does not present a physical hazard</i>	
<b>2.2 LABEL ELEMENTS</b>			
	In compliance with EC Regulation N°1272/2008 and its amendments	<i>None</i>	
	In compliance with directives 67/548/EEC, 1999/45/EC and their amendments	<i>None</i>	
<b>2.3 OTHER HAZARDS</b>			
	<i>Special hazards not known</i>		
<b>3 COMPOSITION/INFORMATION ON INGREDIENTS</b>			
<b>3.1 SUBSTANCES</b>			
<i>Water solution of peptides obtained by silk amino acids</i>			
COMPOSITION	%	CAS number	EC number (ELINCS/EINECS)
<i>Water</i>	84 - 86	-	-
<i>Silk amino acids</i>	14 - 16	96690-41-4	306-235-8



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<b>4 FIRST AID MEASURES</b>		
<b>4.1 DESCRIPTION OF FIRST AID MEASURES</b>		
General information: <i>As a general rule, in case of doubt or if symptoms persist, always call a doctor. Never induce swallowing in an unconscious person.</i>		
Inhalation:	<i>None</i>	
Eye contact:	<i>Wash thoroughly with water</i>	
Skin contact:	<i>No measure needed</i>	
Ingestion:	<i>Drink plenty of water</i>	
<b>4.2 SYMPTOMS</b>		
Inhalation:	<i>None</i>	
Eye contact:	<i>The product can cause slight eye irritation for the acid pH value</i>	
Skin contact:	<i>None</i>	
Ingestion:	<i>None in particular</i>	
<b>4.3 MEDICAL ATTENTION/SPECIAL TREATMENT</b>		
<i>None. If necessary, call the physician and show this safety data sheet</i>		
<b>5 FIRE FIGHTING MEASURES</b>		
<b>5.1 EXTINGUISHING MEDIA</b>		
Suitable methods of extinction	<i>Dry chemical agents, foam, carbon dioxide, water</i>	
Unsuitable methods of extinction	<i>None</i>	
<b>5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE/MIXTURE</b>		
<i>None</i> <i>Thermal decomposition may produce CO, CO2</i> <i>In event of fire do not breathe in smoke</i>		
<b>5.3 ADVICE FOR FIREFIGHTING</b>		
<i>None</i>		
<b>6 ACCIDENTAL RELEASE MEASURES</b>		
<b>6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES</b>		
<i>Consult the safety measures listed under headings 7 and 8</i>		
<b>6.2 ENVIRONMENTAL PRECAUTIONS</b>		
<i>Prevent the product/mixture entering drains or waterways</i>		
<b>6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP</b>		
<i>Contain leaks and spills with non-combustible absorbent materials</i> <i>Clean preferably with a detergent, do not use solvents</i>		
<b>6.4 REFERENCES TO OTHER SECTIONS</b>		
<i>None</i>		



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<b>7 HANDLING AND STORAGE</b>		
7.1	PRECAUTIONS FOR SAFE HANDLING <i>No special precautions. Handle following adequate safe measures</i>	
7.2	CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES <i>Store in a cool and dry place and preserve from contamination. Always keep in packaging made of an identical material to the original</i>	
7.3	SPECIFIC END USES <i>None</i>	
<b>8 EXPOSURE CONTROLS/PERSONAL PROTECTION</b>		
8.1	CONTROL PARAMETERS <i>None</i>	
8.2	EXPOSURE CONTROLS PERSONAL PROTECTIVE EQUIPMENT	
	Eye/face protection	<i>Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes</i>
	Hand protection	<i>Wear suitable protective gloves</i>
	Body protection	<i>Wear suitable protective clothing</i>
	Respiratory protection	<i>None</i>
<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>		
9.1	INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES	
	Physical state:	<i>Liquid</i>
	Odour:	<i>Characteristic</i>
	Colour:	<i>Amber colour</i>
	Melting temperature:	<i>Not applicable</i>
	pH at 20°C:	<i>4,0 - 6,0</i>
	Solubility in water (g/l):	<i>Soluble at any rate</i>
	Solubility in oil:	<i>Insoluble</i>
9.2	OTHER INFORMATION <i>None</i>	



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<b>10 STABILITY AND REACTIVITY</b>		
10.1 REACTIVITY <i>Data not available</i>		
10.2 CHEMICAL STABILITY <i>Stable in normal storage conditions</i>		
10.3 POSSIBILITY OF HAZARDOUS REACTIONS <i>Data not available</i>		
10.4 CONDITIONS TO AVOID <i>Heat, light exposure</i>		
10.5 INCOMPATIBLE MATERIALS <i>Data not available</i>		
10.6 HAZARDOUS DECOMPOSITION PRODUCTS <i>Data not available</i>		
<b>11 TOXICOLOGICAL INFORMATION</b>		
11.1 INFORMATION ON TOXICOLOGICAL EFFECTS <i>The product is a raw material for cosmetic industry and contains preservatives admitted also for food products</i>		
ACUTE TOXICITY		
Dermal:		<i>Data not available</i>
Oral:		<i>Data not available</i>
Ocular:		<i>Data not available</i>
Inhalation:		<i>Data not available</i>
OTHER INFORMATION		
Skin irritation:		<i>Non irritant (Patch test)</i>
Eye irritation:		<i>Data not available</i>
Skin sensitization:		<i>Data not available</i>
Subacute and chronic toxicity:		<i>Data not available</i>
Carcinogenicity:		<i>Data not available</i>



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12 ECOLOGICAL INFORMATION						
12.1 TOXICITY						
<i>Data not available</i>						
Test type:	Active concentration:	Evaluation method:				
12.2 PERSISTENCE AND DEGRADABILITY						
<i>Data not available</i>						
Test type:	Active concentration:	Evaluation method:				
12.3 BIOACCUMULATIVE POTENTIAL						
<i>Data not available</i>						
Test type:	Active concentration:	Evaluation method:				
12.4 MOBILITY IN SOIL						
<i>Data not available</i>						
Test type:	Active concentration:	Evaluation method:				
12.5 RESULT OF PBT AND vPvB ASSESSMENT						
<i>Data not available</i>						
Test type:	Active concentration:	Evaluation method:				
12.6 OTHER ADVERSE EFFECTS						
<i>Data not available</i>						
13 DISPOSAL CONSIDERATIONS						
<i>Proper waste management of the product/mixture and/or its containers must be determined in accordance with Directive 2008/98/EC</i>						
13.1 WASTE TREATMENT METHODS						
Method of disposal:	<i>Controlled biodegradation in authorized plant</i>					
	<i>Controlled incineration</i>					
Waste code:	<i>Not applicable</i>					
Washing of soiled containers:	<i>Wash with water</i>					
Suggested detergents:	<i>Normal industrial detergents</i>					
14 TRANSPORT INFORMATION						
	Regulated	Hazard class	Packing n°	ID number	Hazard label	Proper shipping name
ADR/RID	<i>not regulated</i>	-	-	-	-	-
ADN	<i>not regulated</i>	-	-	-	-	-
IMDG	<i>not regulated</i>	-	-	-	-	-
IATA/ICAO	<i>not regulated</i>	-	-	-	-	-



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<b>15 REGULATORY INFORMATION</b>		
<b>15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION FOR THE SUBSTANCE/MIXTURE</b>		
Particular provisions:	<i>Not applicable</i>	
National regulation:	<i>According to national regulations</i>	
International regulation:	<i>According to international regulations</i>	
Further regulations:	<i>Not applicable</i>	
<b>16 OTHER INFORMATION</b>		
<i>Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.</i>		
<i>The product/mixture must not be used for other uses than those specified in section 1.</i>		
<i>It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.</i>		
<i>The information in this safety data sheet must be regarded as a description of the safety requirements relating to the product/mixture and not as a guarantee of the properties thereof.</i>		
<b>Abbreviations:</b>		
CAS:	Chemical Abstracts Service	
EC number:	European Commission Number	
ADR:	European agreement concerning the international carriage of dangerous goods by Road	
IMDG:	International Maritime Dangerous Goods	
IATA:	International Air Transport Association	
ICAO:	International Civil Aviation Organisation	
RID:	Regulations concerning the International carriage of Dangerous goods by rail	