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MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Silcream 90 - Hydrogenated Palm Kernel Oil				
Biological Definition	No additional data				
INCI Name	Hydrogenated Elaeis Guineensis (Palm) Kernel Oil				
Synonyms & Trade Names	-				
CAS-No	8990-82-9	EC No.	273-627-2	EINECS No.	273-6

1.2 Relative identified uses of the substance or mixture and uses advised against

Food

1.3 Details of the supplier of the safety data sheet

1.4 Emergency Tel. No.

+ 44 (0) 1260 222 943

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

No additional data

Classification (EC 1272/2008)

No additional data

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

None

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Signal Word	None
Contains	No hazardous substances
Hazard Statements	
None	
Precautionary Statements	
None	
Supplementary Precautionary Statements	
None	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No additional data
Adverse physio-chemical properties	No additional data
Adverse effects on human health	No additional data

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures
<u>100% Hydrogenated Palm Oil</u> CAS: 8023-79-8 Classification: Not classified as hazardous.

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove to fresh air immediately. If irritation occurs, seek medical attention.
Ingestion	Do not induce vomiting. Rinse mouth with water. Drink plenty of warm water (30 – 40°C) slowly. If discomfort continues, seek medical attention.
Skin Contact	Remove contaminated clothing and wash before reuse. Wash with soap and water. Seek medical attention if irritation occurs.
Eye Contact	Remove contact lenses if safe to do so. Rinse with running water for a minimum of 15 minutes. If discomfort continues, seek medical attention.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data	
4.3 Indication of any immediate medical attention and special treatment needed	

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Treat symptomatically

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Carbon Dioxide, Foam, Dry Chemical Powder, Fire Blanket. Do not use water jet.

5.2 Special hazards arising from the product

In the event of fire this product may form carbon monoxide.

5.3 Advice for firefighters

Wear self-contained breathing apparatus if in a poorly ventilated area.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid proactive inhalation.

6.2 Environmental Precautions

Do not allow to enter drains, surface or underground bodies of water.

6.3 Methods and material for containment and cleaning up.

Contain, absorb and collect any spillage with sand. Clean exposed area with hot water and detergent.

6.4 Reference to other sections

Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink or smoke whilst handling this product. Wear appropriate protective clothing. Use appropriate equipment when handling drums or heavy packages.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place, keep away from heat and direct sunlight or UV lights. Keep at 10° above melting under a nitrogen blanket.

7.3 Specific end use(s)

No additional data

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08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional data

8.2 Exposure controls

Protective Equipment



Process Conditions	No additional data
Engineering Measures	Ensure adequate ventilation.
Respiratory Equipment	Not usually need if adequate ventilation is provided. Use suitable respiratory equipment in the event of ventilation failure. In the event of aerosol formation, use dust mask filter.
Hand Protection	Wear protective gloves suitable for handling this product.
Eye Protection	Wear safety goggles with side shields.
Other Protection	No additional data
Hygiene Measures	Good hygiene practices are always recommended especially when handling chemicals, oils or similar substances.
Personal Protection	No additional data
Skin Protection	Wear appropriate protective clothing when handling this product.
Environmental Exposure Controls	Prevent this product from entering drains or any bodies of water, including underground waterways.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid at room temperture
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Colour	Cream - White
Odour	Neutral
Relative Density	No additional data
Flash Point (°C)	>280°C
Refractive Index	No additional data
Melting Point (°C)	38°C
Boiling Point (°C)	No additional data
Vapour Pressure	No additional data
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data
9.2 Other information	
No additional data	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Generally stable however in the event of prolonged exposure to air this product will become rancid.	
10.2 Chemical stability	
10.3 Possible hazardous reactions	
10.4 Conditions to Avoid	
Conditions that promote oxidation.	
10.5 Incompatible materials	
Oxidising agents.	
10.6 Hazardous Decomposition Products	
No additional data	

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11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	This product is a non-toxic vegetable oil.
Skin corrosion / irritation	No additional data
Serious eye damage / irritation	No additional data
Respiratory or skin sensitisation	No additional data
Germ Cell Mutagenicity	No additional data
Carcinogenicity	No additional data
Reproductive toxicity	No additional data
STOT-single exposure	No additional data
STOT-repeated exposure	No additional data
Aspiration hazard	No additional data
Photo-toxicity	No additional data
Other Information	No additional data

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
	No additional data
12.2 Persistence & degradability	
	Readily degradable
12.3 Bioaccumulation Potential	
	No additional data
12.4 Mobility in soil	
	Immobilised by absorption to soil particles. Floats on water.
12.5 Results of PBT and vPvB Assessment	
	No additional data
12.6 Other adverse effects	
	No additional data

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Always dispose of this product in accordance with local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road

This product is not a hazardous product according to transport classifications.

UN No. SEA

This product is not a hazardous product according to transport classifications.

UN No. AIR

This product is not a hazardous product according to transport classifications.

14.2 UN proper shipping name

No additional data

14.3 Transport hazard class(es)

No additional data

14.4 Packing group

No additional data

14.5 Environmental hazards

No additional data

14.6 Special precautions for user

No additional data

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

No additional data

15. REGULATORY INFORMATION

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

Classification according to EC directives – not classified as a dangerous material
Labelling & EC symbols: Not classified according to directives EEC 67/548 and EEC 88/379

15.2 Chemical safety assessment

No additional data

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full

None

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Other Information	None
Revision Date	12/8/2019
Rev No	5

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