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MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Plum Kernel Oil.			
Biological Definition		Plum kernel oil is cold-pressed and filtered from the seeds / kernels of the Prunus Domestica, Rosaceae (plum) fruit.			
INCI Name		Prunus Domestica Kernel Oil.			
Synonyms & Trade Names		-			
CAS-No	90082-87-4	EC No.	290-179-3	EINECS No.	290-179-3
1.2 Relative identified uses of the substance or mixture and uses advised against					
Function: skin conditioning					
1.3 Details of the supplier of the safety data sheet					
1.4 Emergency Tel. No.		+ 44 (0) 1260 222 943			

02. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture	
Not classed as a hazardous substance.	
Classification (EC 1272/2008)	
Not classed as a hazardous substance.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
None.	
Signal Word	None.
Contains	Contains no hazardous substances.
Hazard Statements	
None.	
Precautionary Statements	
None.	
Supplementary Precautionary Statements	
None.	
2.3 Other Hazards	

MATERIAL SAFETY DATA SHEET

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
<p>100% Prunus Domestica Kernel Oil CAS: 90082-87-4 Classification: - Not classed as a hazardous product.</p>

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove affected person to fresh air. Seek medical attention if any discomfort continues.
Ingestion	Generally, first aid is not necessary. Rinse mouth with water. Seek medical attention if any discomfort occurs.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention if irritation continues.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data available.	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional data available.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media
<p>Extinguishing media:</p> <ul style="list-style-type: none"> - Carbon dioxide (CO₂). - Dry Chemical Powder. - Foam. <p>Unsuitable extinguishing media:</p> <ul style="list-style-type: none"> - Do not use direct water jet on burning material.
5.2 Special hazards arising from the product
None known.
5.3 Advice for firefighters
Standard fire safety measures in line with fire safety regulations.

MATERIAL SAFETY DATA SHEET


06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eyes.
6.2 Environmental Precautions
Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
6.3 Methods and material for containment and cleaning up.
Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority regulations. If spillage on water occurs; Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK/EU Environmental regulations
6.4 Reference to other sections
None.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard. At times oil-soaked materials may spontaneously combust. No special precautions for safety reasons necessary.
7.2 Conditions for safe storage, including any incompatibilities
Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
None
8.2 Exposure controls
Protective Equipment

Process Conditions
No special measures required.
Engineering Measures
No special measures required.

MATERIAL SAFETY DATA SHEET

Respiratory Equipment	Ensure area is well ventilated.
Hand Protection	Wear gloves when handling hot oil.
Eye Protection	The use of safety glasses is recommended.
Other Protection	No special measures required.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No special measure required.
Skin Protection	Wear protective clothing and glasses to prevent skin contact when handling hot oil.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear Pale yellow to golden yellow liquid.
Colour	Pale yellow to golden yellow
Odour	Characteristic - almond
Relative Density	0.905 - 0.925 @ 20°C
Flash Point (°C)	No additional data available.
Refractive Index	1.465 - 1.475 @20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	> 100
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oils.
Auto-ignition temperature (°C)	No additional data available.

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No significant reactivity hazard under proper handling.

10.2 Chemical stability

Chemically stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

Polymerisation not likely to occur.

10.4 Conditions to Avoid

Avoid heat (especially near flash point), flames, sunlight and other sources of ignition.

10.5 Incompatible materials

MATERIAL SAFETY DATA SHEET

Avoid contact with strong acids, alkalis and oxidising agents.

10.6 Hazardous Decomposition Products

Product does not decompose at proper handling. Extreme heating likely to produce compounds of Acrolein.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	None toxic product.
Skin corrosion / irritation	None toxic product.
Serious eye damage / irritation	None toxic product.
Respiratory or skin sensitisation	None toxic product.
Germ Cell Mutagenicity	None toxic product.
Carcinogenicity	None toxic product.
Reproductive toxicity	None toxic product.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No additional data available.

12.2 Persistence & degradability

Readily biodegradable.

12.3 Bioaccumulation Potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment

No additional data available.

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

MATERIAL SAFETY DATA SHEET

Collect and dispose of waste product at an authorised disposal facility according to local authority guidelines. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not applicable – non hazardous product.
UN No. SEA	Not applicable – non hazardous product.
UN No. AIR	Not applicable – non hazardous product.
14.2 UN proper shipping name	
No additional data available.	
14.3 Transport hazard class(es)	
Not classified under RID/ADR/IMDG.	
14.4 Packing group	
No additional data available.	
14.5 Environmental hazards	
No additional data available.	
14.6 Special precautions for user	
See sections 6 – 8.	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
No additional data available.	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
<p>In compliance with the requirements in the current Cosmetic Directives 67/548 EEC et 1999/45/CE</p> <p><u>Statutory Instruments</u></p> <p>The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Guidance Notes</u></p> <p>Workplace Exposure Limits EH40. CHIP for everyone HSG (108).</p> <p><u>EU Legislation</u></p> <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendment</p>	
15.2 Chemical safety assessment	
No additional data available.	

MATERIAL SAFETY DATA SHEET

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None.
Revision Date	04/02/2020
Rev No/Repl, SDS Generated	4

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