

TECHNICAL DATA SHEET

Sr. No. : UL3000118-V-04
Issue Date: 22/08/2023

QUALITY CONTROL : We declare that certificate of analysis of this material is inspected according to quality parameters as below :

Item Code	UL3000118
Item Name	WHEAT GERM OIL



Test Parameters	Specifications						
CAS #	68917-73-7						
EINECS #	281-689-7						
Botanical Name	Triticum vulgare						
Description	Yellow to pale yellow with characteristic odor.						
Origin	Fatty oil obtained from the germ of the grain of Triticum vulgare by hexan extraction followed by refining.						
Appearance	Yellow to pale yellow						
Physical Status	Liquid						
Flash Point (Closed cup) °C	>70°C						
Refractive Index	1.472 - 1.478 @20°C						
Relative Density	0.920 - 0.933 @25°C						
Optical Rotation	Not Determined						
Solubility in Alcohol	Soluble						
Solubility in Water	Insoluble						
Assay by GC	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Linoleic acid: 50-62%</td> <td style="width: 50%;">Oleic acid: 14-28%</td> </tr> <tr> <td>Linolenic acid: 2-10%</td> <td>Stearic acid: 0.5-5%</td> </tr> <tr> <td>Palmitic acid: 9-18%</td> <td></td> </tr> </table>	Linoleic acid: 50-62%	Oleic acid: 14-28%	Linolenic acid: 2-10%	Stearic acid: 0.5-5%	Palmitic acid: 9-18%	
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Palmitic acid: 9-18%							
Shelf Life	12 months with proper storage conditions.						
Legislation	Natural						
Stability	Avoid strong acids strong bases & all oxidizing agents.						
Uses	emollients, emulsifiers, skin conditioning.						

PACKING & STORAGE	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
HANDLING PRECAUTION	Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

This is a system generated document hence need not be authenticated.

