



CERTIFICATE OF ANALYSIS

Sunflower Water Dispersible Massage Base

PRODUCT IDENTIFICATION AND COMPOSITION

Product Name: Sunflower Water Dispersible Massage Base
Product Code: WD.SUNF
Batch Number: 4369707
Country of Origin: UK
Expiry Date: August 2021

Ingredients:

Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Sunflower Vegetable Oil	8001-21-6	232-273-9	> 98%
Polysorbate 85	9005-70-3	Not allocated	< 2%

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow viscous oily liquid Complies

Odour: Mild, bland odour Complies

Odour Threshold: Not available. Complies

Specific Gravity: 0.959 [0.920 to 0.995 @ 20°C] Complies

Refractive Index: 1.4738 @ 20°C Complies



MATERIAL SAFETY DATA SHEET

Version: 03

1. COMPANY DETAILS

Company MADAR Corporation Limited
Address 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA
Telephone Number 01425 655555
Email Address sales@madarcorporation.co.uk
Approved Sellers Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

2. PRODUCT IDENTIFICATION AND COMPOSITION

Product Name Sunflower Water Dispersible Massage Base
Botanical Name *Helianthus Annuus*
Product Code WDSUNF
USA INCI Name Not applicable
EU INCI Name Not applicable

Ingredients:

Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Sunflower Vegetable Oil	8001-21-6	232-273-9	> 70%
Polysorbate 85	9005-70-3	Not allocated	< 30%

Uses: Massage therapy oil



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3. HAZARD IDENTIFICATION

Physical - Chemical Hazards

Explosion:	None identified.
Flammable:	Combustible liquid, produces oxides of carbon when burning.
Oxidizing:	Not applicable.
Toxic:	None identified.
Radioactive:	Not applicable.
Corrosive:	None identified.
Miscellaneous:	None identified.

Environmental Hazards: None identified.

Health Hazards

Acute Effects:	Swallowed: Non-toxic, However excessive ingestion of liquid can cause gastric distress and mild diarrhoea.
	Eye: May cause mild irritation.
	Skin: Non-toxic. There have been no reported incidences, or other evidence of allergy or dermal irritation through topical application in 15+ years of use.
	Inhalation: May be harmful.
Chronic Effects:	None identified.
Mutagenic Effects:	None identified.
Reproductive Effects:	None identified.
Carcinogenic Effects:	None identified.
Sensitisation:	None identified.
Infectious:	Not applicable.
Other Effects:	Combustion Products are harmful if inhaled and can irritate the eyes & respiratory system. Contact with heated material may result in burns.

4. FIRST AID

Eye Contact:	Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained. Contact a physician as necessary.
Skin Contact:	Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician as necessary.
Inhalation:	Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary.
Ingestion:	Do Not induce vomiting. Wash out mouth with water and give water slowly to dilute [as much as casualty can comfortably drink] provided person is conscious. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconsciousness. Contact a physician or local poison control centre immediately. If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration.
Burns:	Quickly immerse affected area in cold water for at least 20 minutes. Contact a physician immediately. Bandage lightly with a sterile dressing. Treat for shock if required. Lay patient down. Keep warm and rested. Transport to hospital, or doctor.
Advice to Doctor:	Treat symptomatically. Note the nature of this product.



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5. FIRE FIGHTING MEASURES

Extinguishing Media:	Carbon Dioxide; Dry Chemical; Universal-Type Foam.
Unsuitable Extinguishing Media:	Water Spray; Others not established.
Unusual Firefighting Hazards:	None identified.
Special Procedures:	Determine the need to evacuate or isolate the area according to your local emergency plan.
Protective Equipment:	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.
Combustion Products:	Oxides of carbon.
Contact Point:	Dial 999 Emergency in case of fire [In UK] or Local Emergency Authority [Out of UK].

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
Safety Precautions:	Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan;
Environmental Precautions:	Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
Methods For Cleaning Up:	Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13. for disposal procedures.

7. SAFE HANDLING AND STORAGE INFORMATION

Handling:	Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.
Storage:	Not a hazardous material. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Store in a cool, dry, well ventilated place protected from light. Refrigeration storage recommended. Keep from extreme heat and away from ALL sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid", Refer to Section 10.
Unsuitable Packaging Materials:	None established.
Special Procedures:	None established.



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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
Ventilation Protection:	Ensure adequate ventilation to keep exposure levels to a minimum. General exhaust is recommended.
Eye Protection:	Using goggles or face shield is recommended.
Protective Gloves:	Using chemical resistant gloves is recommended.
Protective Clothing:	Using chemical resistant clothing is recommended.
Protective Equipment:	An eyewash fountain and / or safety shower should be available in the work area.
Special Engineering Controls:	None established.
Other Personal Protection:	Consult the following Australian Standards for general advice regarding safety clothing and equipment: Respiratory Equipment: AS/NZS 1715 , Protective Gloves: AS 2161 , Industrial Clothing: AS 2919 , Industrial Eye Protection: AS 1336 and AS/NZS 1337 , Occupational Protective Footwear: AS/NZS 2210 .
Note:	These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION
Appearance:	Clear, pale yellow viscous liquid
Odour:	Characteristic Mild, bland odour
Odour Threshold:	Not available.
Specific Gravity:	0.900 to 1.030 @ 25°C
Refractive Index:	1.4680 to 1.4840 @ 25°C
Optical Rotation:	Not available.
pH:	Not available.
Solubility:	Soluble in vegetable oils
Solubility in Water:	Dispersible
Flash Point:	> 200°C [Test unknown]
Flammability Limits [as % v/v in Air]	
Lower Explosion Limit:	Not available.
Upper Explosion Limit:	Not available.
Autoignition Temperature:	Not available.
Melting Point:	Not available. °C @ 760 mm
Boiling Point:	Not available. °C @ 760 mm
Vapour Pressure:	Not available.
Vapour Density:	Not available.

EFFA Listed Sensitisers & IFRA Notifiable Substances

CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE
Contains No Sensitisers and No Notifiable Substances	NO	NO	Not allocated	Not allocated	0.0%
	NO	NO	Not allocated	Not allocated	0.0%



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10. STABILITY AND REACTIVITY

Stability:	Chemically stable, non hazardous material. This material presents no significant reactivity hazard.
Conditions to Avoid:	None established.
Materials to Avoid:	Strong acids, strong alkalis and oxidizing agents.
Flammability:	Combustible liquid.
Hazardous Polymerization:	Will not occur.
Hazardous Combustion or Decomposition Products:	Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
LD50 [Oral]:	Not tested on animals – So not available.
LD50 [Dermal]:	Not tested on animals – So not available.
LC50 [Inhalation]:	Not tested on animals – So not available.
Exposure Limits	
OSHA TWA:	None established.
OSHA STEL:	None established.
ACGIH TWA:	None established.
ACGIH STEL:	None established.
NOHSC TWA:	10 mg/m ³ [Vegetable oil mists].
NOHSC STEL:	None established.
Short Term Toxicity:	Not available.
Long Term Toxicity:	Not available.
Human Exposure Tests:	Not available.

12. ECOLOGICAL INFORMATION

Eco-toxicity:	None established. Avoid pollution to soil, rivers and the ocean.
Mobility:	Low mobility in the soil.
Persistence & Degradability:	Low persistence level and readily biodegradable.
Bio-accumulative Potential:	None established.
Other Adverse Effects:	None established.

13. DISPOSAL CONSIDERATION

Waste Material:	Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
Contaminated Packaging:	Dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
Note:	Empty containers can have residues, gases and mists. Use the proper Waste Disposal Methods & Procedures for Empties as well.



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14. TRANSPORT INFORMATION

Transportation:	Not Dangerous Goods according to criteria of the Australian Dangerous Goods Code for Transport by Road and Rail. No special transport required. Not to be transported with Classes 1 [Explosives], 2.1 [Flammable Gases] [nb this applies only when in bulk], 2.3 [Poisonous Gases], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances].
Proper Shipping Name:	Not Regulated.
UN Number:	Not allocated.
Packaging Group:	Not allocated.
DG Class:	Not allocated.
Poison Schedule:	Not Scheduled.
Hazchem Code:	Not allocated.

15. REGULATORY INFORMATION

Risk Symbols:	Not allocated.
Risk Phrases:	Not allocated.
Safety Phrases:	Not allocated.
Warning Statements:	Not allocated.
Safety Directions:	Not allocated.
Standard Statements:	Not allocated.

16. ADDITIONAL INFORMATION

QUALITY DECLARATION

At MADAR Corporation we firmly believe that Quality Control is of the utmost importance and it is imperative that the most meticulous tests are carried out for every product in our range.

Uncompromising quality is a responsibility, which we take seriously.

By maintaining this intense level of Quality Control and Developing New Methods & Techniques, New Directions can ensure Superior Quality Products.

This Sunflower Water Dispersible Massage Base has been tested and it conforms to our High Standard Quality requirements.



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DISCLAIMER

The information contained in this Certificate of Analysis and Material Safety Data Sheet are obtained from current and reliable sources. MADAR Corporation Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Material Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product. This document is thus, intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of MADAR Corporation Ltd., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. MADAR Corporation Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by MADAR Corporation Ltd as to the fitness for any use. The liability of MADAR Corporation Ltd is limited to the value of the goods and does not include any consequential loss. MADAR Corporation Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. MADAR Corporation Ltd shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

MANUFACTURED PRODUCTS INGREDIENT DISCLAIMER

As the availability of ingredients and raw materials is not always certain whether due to changes in nature or otherwise, MADAR Corporation Ltd reserves the right to substitute alternate ingredients/raw materials in the manufacture of its products and bases in order to maintain supply to its customers. Customers should always refer to the ingredients label as affixed to each product or to specification sheets which are current at the time of supply of the product.