



CERTIFICATE OF ANALYSIS

PRODUCT	Shampoo Base
BATCH NUMBER	4404702
BEST BEFORE END	August 2022

Quality Control Test	Test Method	Test Result	Specification
Appearance	BAM 36	Pass	Clear translucent gel
pH	BAM 38	5.92	5.5 – 6.0
Viscosity	BAM 41	8400cps	8,000 – 18,000cps



Shampoo Base

Ingredient	%	CAS	EINECS
Aqua	50 - 100	7732-18-5	231-791-2
Sodium Lauroyl Methyl Isethionate	5 - 10	N/A	N/A
Cocamidopropyl Betaine	1 - 5	61789-40-0	263-058-8
Lauryl Glucoside	1 - 5	110615-47-9	N/A
Sodium Chloride	0.5 – 1.0	7647-14-5	231-598-3
Sodium Methyl Isethionate	0.5 – 1.0	869737-84-8	N/A
Phenoxyethanol	0.5 – 1.0	122-99-6	204-589-7
Sodium Lauroyl Isethionate	0.5 – 1.0	7381-01-3	230-949-8
Sodium Benzoate	0.5 – 1.0	532-32-1	208-534-8
Polyquaternium-7	0.1 – 0.5	26590-05-6	N/A
Fatty acid C12-18	0.1-0.5	67701-01-3	266-925-9
Lauric Acid	0.1 – 0.5	143-07-7	205-582-1
Zinc Dilaurate	0.1 – 0.5	2452-01-9	219-581-5
Trisodium Ethylenediamine Disuccinate	0.1 – 0.5	178949-82-1	N/A
Citric acid	0.1 - 0.5	77-92-9	201-069-1
Sodium Laurate	<0.1	629-25-4	211-082-4



Shampoo Base

Specification

Appearance	Clear, translucent gel
pH (neat at 25C)	5.5 – 6.0
Viscosity (Brookfield sp3 12rpm)	8000 – 18000 cps

Revision Number 01



Shampoo Base

Processing Instructions

1. Add required amount of Shampoo Base to a suitable vessel.
2. Using a suitable stirring utensil add colour and or fragrance as required. (It is recommended that no more than **0.5% water soluble fragrance** is to be added to the formulation. Above this amount can cause the product to thin and have a cloudy appearance. We recommend that you do fragrance stability work as part of your product development).
3. Stir for 5 - 10 minutes or until all the added ingredients have fully dispersed (Do not stick blend or high shear the product).

N/B – For larger production batches, processing should be scaled up appropriately. Consideration will need to be given to stirring equipment and appropriate filling equipment.

4. Test the product to ensure it is to the right specification for your finished product. See 'Note 3' for advice on thickening the base after fragrance addition.
5. Fill into the required containers.
6. Take sample for microbiological testing both before and after filling
7. Complete products safety assessment to finish development.

Notes:

- 1. Like all water based personal care products, Shampoo Base is susceptible to microbial contamination, even though it has passed microbial preservative challenge testing. Good hygiene and good manufacturing practices must be carried out when using this product at all times.**
- 2. Like all your formulations, Shampoo base should first pass stability testing and microbial preservative challenge testing after your product development before manufacture and launch.**
- 3. The Shampoo Base is a pre thickened product. This provides a hassle free base for your product development. Should your base require thickening after the addition of your water soluble fragrances, small increments of Cocamidopropyl Betaine can be added and easily stirred in. (Please be aware that over thickening the base can cause it to go cloudy and thin.)**

Revision 0



SAFETY DATA SHEET

SHAMPOO BASE

Compilation date: 17/08/2018

Revision No: 0

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: SHAMPOO BASE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC39: Cosmetics, personal care products.

1.3. Details of the supplier of the safety data sheet

Company name: MADAR Corporation Ltd
19-20 Sandleheath Industrial Estate
Fordingbridge
Hampshire
SP6 1PA
UK

Tel: +44(0)1425 655555

Email: sales@madarcorporation.co.uk

Approved sellers: Cosmetic Butters, Mystic Moments, New Directions Europe

1.4. Emergency telephone number

Emergency tel: +44 (0) 1425 655555 during office hours

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements:

Precautionary statements: P280: Wear {{0||message=protective clothing||default=protective gloves/protective clothing/eye protection/face protection||filter=(_)?P280_PROT_EQUIPMENT_.+}}.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

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3.2. Mixtures

Hazardous ingredients:

SODIUM LAUROYL METHYL ISETHIONATE - REACH registered number(s): 01-2119401252-59

EINECS	CAS	PBT / WEL	CLP Classification	Percent
700-150-3	928663-45-0	-	Eye Irrit. 2: H319	5-20%

COCAMIDOPROPYL BETAINE - REACH registered number(s): 01-2119488533-30-0001

263-058-8	61789-40-0	-	Aquatic Chronic 3: H412; Eye Dam. 1: H318	2-5%
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LAURYL GLUCOSIDE - REACH registered number(s): 01-2119499418-23

-	110615-47-9	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	2-5%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
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Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: An environmental assessment must be made to ensure compliance with local environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

Viscosity: Viscous

pH: 5-6

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

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Hazardous ingredients:

SODIUM LAUROYL METHYL ISETHIONATE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	8400	mg/kg

COCAMIDOPROPYL BETAINE

DERMAL	-	calculated	> 5000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	calculated	> 5000	mg/kg

LAURYL GLUCOSIDE

DERMAL	RAT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

SODIUM LAUROYL METHYL ISETHIONATE

ALGAE	72H ErC50	46.3	mg/l
ALGAE	96H LC50	>1000	mg/l
DAPHNIA	48H EC50	14.08	mg/l
FISH	96H LC50	29.3	mg/l

COCAMIDOPROPYL BETAINE

ALGAE	72H ErC50	2.4	mg/l
Daphnia magna	48H EC50	1.9	mg/l

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FISH	96H LC50	1.11	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive
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and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: **Shampoo Base**

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

15/02/19