

1. Identification of the substances / mixture and of the company/undertaking.	
1.1 Product identifier:	
Substance name:	
Biological Definition	Product Name: Shampoo Base
INCI Name	
Synonyms & Trade Names	
EC NO:	CAS NO: EINECS CAS Number:
Index No:	Reach Registration No:
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified uses: PC39: Cosmetics, personal care products.	
Uses advised against:	
1.3 Details of the supplier of the safety data sheet	
Company	Penny Price Aromatherapy Ltd
	Unit D3 Radius Court
	Maple Drive
	Hinckley
	Leicestershire LE10 3BE
Email	info@penny-price.com
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>
2. Hazards Identification	
2.1 Classification of the substance or mixture	
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	This product has no classification under CLP.
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:	
Signal Word.	
Hazard statements.	
Precautionary statements.	
P280	Wear protective clothing
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplementary Precautionary Statements:	
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	PBT: This product is not identified as a PBT/vPvB substance.
Adverse Physio-chemical Properties	
Adverse Effects on Human Health	

3.1 Composition / information on ingredients:					
Substance name	Index number under CLP Annex VI			Weight % content (or range)	CL, M-Factor, ATE
	CAS No.	EINECS	REACH Reg.		
Sodium Lauroyl Methyl Isethionate	928663-45-0	700-150-3	01-2119401252-59	1-10%	Eye Irrit. 2: H319
Cocamidopropyl Bethaine	61789-40-0	263-058-8	01-2119488533-30-0001	1-10%	Aquatic Chronic 3: H412; Eye Dam. 1: H318
Lauryl Glucoside	110615-47-9		01-2119499418-23	1-10%	Skin Irrit. 2: H315; Eye Dam. 1: H318

4. First Aid Measures

4.1 General	
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
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. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention.
Skin contact	There may be irritation and redness at the site of contact.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

Delayed / immediate effects:	Immediate effects can be expected after short-term exposure
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4.3 Indication of any immediate medical attention and special treatment need

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

5.1 Extinguishing Media:

Suitable extinguishing media:	Carbon dioxide, dry chemical, foam
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Unsuitable extinguishing media:	No data available
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5.2 Special hazards arising from the substances or mixture:

Hazardous combustion products:	Exposure hazards: In combustion emits toxic fumes
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5.3 Advice for firefighters

	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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6 Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment:	Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action
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	without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
Emergency procedures:	No Data available
6.1.2 For Emergency responders	No Data available
6.2 Environmental precautions	Do not discharge into drains or rivers. Contain the spillage using bunding.
6.3 Methods for cleaning up – 6.3.1 For containment:	
6.3.2 For cleaning up:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
6.3.3. Other information:	No Data available
6.4 Reference to other sections	Refer to sections 8 of SDS.

7. Handling and storage

7.1 Precautions for safe handling: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Protective measures:

Measures to prevent fire: No Data available

Measures to prevent aerosol and dust generation: No Data available

Measures to protect the environment: No Data available

Advice on general occupational hygiene: No Data available

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures and storage conditions:

Packaging Materials: Must only be kept in original packaging

Requirements for storage and vessels: Store in a cool, well ventilated area. Keep container tightly closed.

Storage Class: Further information on storage containers: No Data available

7.3 Specific end use(s). No Data available

Recommendations: No Data available

Industrial sector specific solutions: No Data available

8. Exposure controls/Personal protection:

8.1 Control parameters Workplace exposure limits: No data available

8.2 Exposure controls DNEL/PNEC – No data available

Engineering Measures Ensure there is sufficient ventilation of the area.

8.2.2 Personal Protection equipment

8.2.2.1 Eye / face protection Tightly fitting safety goggles. Ensure eye bath is to hand.

8.2.2.2 Skin Protection Wear protective gloves/eye protection/face protection

Hand protection	Protective gloves
Other skin protection	Protective clothing
8.2.2.3 Respiratory protection	Self Contained breathing apparatus must be available in case of emergency.
Ventilation	Not Applicable
8.2.2.4 Thermal hazards	Not Applicable
8.2.3 Environmental exposure controls	An environmental assessment must be made to ensure compliance with local environmental legislation.

9. Physical and chemical properties- C of A

9.1 Information on basic physical and chemical properties

Colour	Colourless
Appearance	Liquid
Odour	Odourless
Melting Point / freezing point	
Boiling point /Initial boiling point & boiling range	
Flammability	
Lower and upper explosion limit	
Flash point °C	
Auto- ignition temperature	
Decomposition temperature	
pH	5-6
Viscosity	Viscous
Solubility in Water	
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	
Density and /or relative density	
Relative vapour density	
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	No data available
Specific gravity d_{20}^{20}	
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	

10. Stability and reactivity

10.1 Reactivity	Stable under recommended transport or storage conditions.
10.2 Chemical Stability	Stable under normal conditions.

10.3 Possibility of 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:	Heat
10.5 Incompatible Materials:	Strong oxidising agents. Strong acids
10.6 Hazardous Decomposition Products	In combustion emits toxic fumes.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008

Information on Toxicological Effects

Acute toxicity:

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

Skin corrosion /irritation:	No data available
Seriously eye damage/irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Summary of evaluation of the CMR properties:	
STOT- single exposure,	No data available
STOT-repeated exposure:	No data available
Aspiration hazard:	No data available

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
FISH	96H LC50	1.11	mg/l
12.2 Persistency & degradability	Biodegradable		
12.3 Bio accumulative potential	No bioaccumulation potential.		
12.4 Mobility in soil	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 Endocrine disrupting properties			
12.7 Other adverse effects	Negligible ecotoxicity.		

13. Disposal considerations	
13.1 Waste treatment methods	
13.1.1. Product /Packaging disposal:	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
13.1.2 Waste treatment-relevant information:	Not available
13.1.3 Sewage disposal-relevant information:	Not available
13.1.4 Other disposal-relevant recommendations:	Dispose of contents / containers in accordance with local, regional, national, international regulations.

14. Transport information	
14.1 UN Number or ID number	Not available
14.2 UN proper Shipping name	Not available
14.3 Transport hazard class(es)	This product does not require a classification for transport.
14.4 Packing group	Not available
14.5 Environmental hazards	Not available
14.6 Special precautions for user	Not available
14.7 Maritime transport in bulk according to IMO instruments	Not available

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	

16. Other information	
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.	
(i) Indication of Changes: Revised Safety Data Sheet Format: From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021’.	
(ii) Abbreviations and acronyms:	
(iii) Key Literature references and sources of date.	
(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):	
Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.
QC requirements	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
Disclaimer:	
The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user’s responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.	