

## Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

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

#### 1.1. Product identifier

**Product name:** SCI Powder  
**CAS number:** 61789-32-0  
**EINECS number:** 263-052-5  
**Synonyms:** -  
**INCI name:** Sodium Cocoyl Isethionate

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

**Use of substance/mixture:** Surfactants, cosmetic ingredient

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Bath and Body Base Ltd  
2A Laurel Way  
Bishop Auckland  
Co. Durham  
DL14 7NF  
**Tel:** 07493 064263  
**Email:** technical@bathandbodybase.com

#### 1.4. Emergency telephone number

**Emergency tel:** 07493 064263

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Eye Dam./Irrit. 2 - H319 Causes serious eye irritation.  
Aquatic Chronic 3 - H412 Harmful to aquatic life with long last effects.

#### 2.2. Label elements

**Label elements under CLP:**

**Hazard statements:** H319: Causes serious eye irritation.  
H412: Harmful to aquatic life with long lasting effects.

**Signal words:** Warning

**Hazard pictograms:**



GHS07

<b>Precautionary statements (prevention):</b>	P280: Wear eye and face protection. P264: Wash contaminated body parts thoroughly after handling. P273: Avoid release to the environment.
<b>Precautionary statements (response):</b>	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P311: If eye irritation persists: Call a poison centre/physician.
<b>Precautionary statements (disposal):</b>	P501: Dispose of contents/container to hazardous or special waste collection point.

### 2.3. Other hazards

<b>Other hazards:</b>	Fine dust can form an inflammable mixture together with air.  Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
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## Section 3: Composition/information on ingredients

### 3.1. Substances

<b>Chemical identity:</b>	Sodium Cocoyl Isethionate Fatty acids, coco, 2-sulfoethyl esters, sodium salts CAS No: 61789-32-0 EC Number: 263-052-5
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### 3.2. Mixtures

<b>Mixtures:</b>	Not applicable.
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## Section 4: First aid measures

### 4.1. Description of first aid measures

<b>Skin contact:</b>	Wash thoroughly with soap and water.
<b>Eye contact:</b>	Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.
<b>Ingestion:</b>	Rinse mouth and then drink 200-300ml of water.
<b>Inhalation:</b>	Keep patient calm, remove to fresh air.

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

<b>Symptoms/effects:</b>	Causes serious eye irritation.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Immediate/special treatment:</b>	Treat symptomatically.
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**Section 5: Fire-fighting measures****5.1. Extinguishing media**

**Suitable extinguishing media:** Water spray, dry powder and foam.

**Unsuitable extinguishing media:** Carbon dioxide.

**5.2. Special hazards arising from the substance or mixture**

**Endangering substances:** Harmful vapours.

**Advice:** Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

**Further information:** Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Use personal protective clothing. Avoid dust formation.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains, surface waters or ground water.

**6.3. Methods and material for containment and cleaning up**

**Small amounts:** Pick up with suitable appliance and dispose of.

**Large amounts:** Contain with dust binding material and dispose of.  
Dispose of absorbed material in accordance with regulations.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to Section 8 and 13.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

**Handling requirements:** Handle in accordance with good industrial hygiene and safety practice.

**Protection against fire and explosion:** Avoid dust formation. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks and open flame.

**7.2. Conditions for safe storage, including any incompatibilities**

**Suitable materials for containers:** High density polyethylene (HDPE), low density polyethylene (LDPE).

**Further information on storage conditions:**

Keep container tightly closed and dry, store in a cool place.

**Storage stability:**

Storage temperature &lt;=25°C

**7.3. Specific end use(s)**
**Specific end use(s):**

For relevant identified use(s) listed in Section 1 and advice mentioned in Section 7 is to be observed.

**Section 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Occupational exposure limits:** No substance specific occupational exposure limits known.

**PNEC:**

 Fresh water: 0.0048mg/l  
 Marine water: 0.00048mg/l  
 Intermittent release: 0.048mg/l  
 STP: 6.87mg/l  
 Sediment (fresh water): 0.714mg/kg  
 Sediment (marine water): 0.0714mg/kg  
 Soil: 0.139mg/kg

**DNEL:**

 Worker: long-term exposure – systemic effects, inhalation: 62.5mg/m<sup>3</sup>  
 Worker: long-term exposure – systemic effects, dermal: 28.75mg/kg  
 Consumer: long-term exposure – systemic effects, inhalation: 18.5mg/m<sup>3</sup>  
 Consumer: long-term exposure – systemic effects, dermal: 17.3mg/kg  
 Consumer: long-term exposure – systemic effects, oral: 10.7mg/kg

**8.2. Exposure controls**
**PPE - respiratory protection:** Suitable respiratory protection for higher concentrations or long-term effect: particle filter with medium efficiency for solid and liquid particles (e.g. EN143 or 149, Type P2 or FFP2).

**PPE - hand protection:** Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (recommended: protective index 6, corresponding >480 minutes of permeation time according to EN ISO 374-1): e.g. nitrile rubber (0.4mm), chloroprene rubber (0.5mm), butyl rubber (0.7mm) etc.

**PPE - eye protection:** Safety goggles with side shields (frame goggles) e.g. EN166.

**PPE - body protection:** Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical protection suit (according to EN14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

**Environmental:** Do not discharge product into the environment without control.

**Section 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>State:</b>	Powder
<b>Colour:</b>	White to off-white
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>pH value:</b>	4.0 – 6.0 (water, 10%(ml))
<b>Melting point:</b>	Approx. 200°C
<b>Boiling point:</b>	>149°C (1,013hPa)
<b>Flashpoint:</b>	>101°C (ASTM D93)
<b>Evaporation point:</b>	The product is a non-volatile solid.
<b>Flammability:</b>	Not flammable.
<b>Lower explosion limit:</b>	For solids not relevant for classification and labelling.
<b>Upper explosion limit:</b>	For solids not relevant for classification and labelling.
<b>Ignition temperature:</b>	Not determined.
<b>Vapour pressure:</b>	<1.3hPa (25°C)
<b>Density:</b>	Not determined.
<b>Relative vapour density (air):</b>	The product is a non-volatile solid.
<b>Solubility in water:</b>	Moderately soluble.
<b>Partitioning coefficient n-octanol/water (log Kow):</b>	< -1.8 (measured) (23°C)
<b>Self-ignition:</b>	Not applicable.
<b>Thermal decomposition:</b>	No decomposition if stored and handled as prescribed/indicated.
<b>Viscosity, dynamic:</b>	Not applicable, the product is solid.
<b>Viscosity, kinematic:</b>	Not applicable, the product is solid.
<b>Explosion hazard:</b>	Not explosive.
<b>Fire promoting properties:</b>	Not fire propagating.

**9.2. Other information**

<b>Self heating ability:</b>	It is not a substance capable of spontaneous heating.
<b>Bulk density:</b>	Approx. 470kg/m <sup>3</sup>
<b>Miscibility with water:</b>	Moderately soluble.

**Section 10: Stability and reactivity****10.1. Reactivity**

<b>Reactivity:</b>	No hazardous reactions if stored and handled as prescribed/indicated.
<b>Corrosion to metals:</b>	No corrosive effect on metal.

**10.2. Chemical stability**

**Chemical stability:** The product is stable if stored and handled as prescribed/indicated.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** The product may contain explosive fine dust, or such dust may be produced by abrasion during transport of product transfer.

**10.4. Conditions to avoid**

**Conditions to avoid:** See Section 7.

**10.5. Incompatible materials**

**Substances to avoid:** No substances known that should be avoided.

**10.6. Hazardous decomposition product**

**Haz. decomp. products:** No hazardous decomposition products if stored and handled as prescribed/indicated.

**Section 11: Toxicological information****11.1. Information on toxicological effects**

**Acute toxicity:** Assessment of acute toxicity:  
Virtually nontoxic after a single ingestion.

Experimental/calculated data:  
LD50 rat (oral): >2,00mg/kg (OECD Guideline 401)

LC50 rat (by inhalation):  
Not determined.

**Irritation:** Assessment of irritation effects:  
Eye contact causes irritation.

May cause slight irritation to the skin. Based on available data, the classification criteria are not met.

Experimental/calculated data:  
Skin corrosion/irritation  
Rabbit: non-irritant (similar to OECD Guideline 404)

Serious eye damage/irritation  
Rabbit: irritant (OECD Guideline 405)

**Respiratory/skin sensitization:** Assessment of sensitization:  
Skin sensitizing effects were not observed in animal studies.

Experimental/calculated data:  
Buehler test guinea pig: non-sensitizing.

**Germ cell mutagenicity:** Assessment of mutagenicity:  
No mutagenic effect was found in various tests with bacteria and mammalian cell culture.

**Carcinogenicity:** Assessment of carcinogenicity:  
The chemical structure does not suggest a specific alert for such an effect.

<b>Reproductive toxicity:</b>	Assessment of reproduction toxicity: The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
<b>Developmental toxicity:</b>	Assessment of teratogenicity: No indications of a developmental toxic/teratogenic effect were seen in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
<b>Specific target organ toxicity (single exposure):</b>	Assessment of STOT single: Based on available data, the classification criteria are not met.
<b>Repeated dose toxicity and specific target organ toxicity (repeated exposure):</b>	Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.
<b>Aspiration hazard:</b>	No aspiration hazard expected.

## Section 12: Ecological information

### 12.1. Toxicity

<b>Assessment of aquatic toxicity:</b>	Acute toxic for aquatic organisms. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
<b>Toxicity to fish:</b>	LC50 (96h) >10 – 100mg/l, <i>Oncorhynchus mykiss</i> (OECD 203; ISO 7346; 84/449/EEC, C.1, semistatic). The details of the toxic effect relate to the nominal concentration.
<b>Aquatic invertebrates:</b>	EC50 (48h) >10 – 100mg/l, <i>Daphnia magna</i> (OECD Guidelines 202, part 1). The details of the toxic effect relate to the nominal concentration.
<b>Aquatic plants:</b>	EC50 (72h) >1 – 10mg/l (growth rate), <i>Pseudokirchneriella subcapitata</i> (OECD Guideline 201, static). The statement of the toxic effect relates to the analytically determined concentration.  EC10 (72h) >0.1 – 1mg/l (growth rate), <i>Pseudokirchneriella subcapitata</i> (OECD Guideline 201, static). The statement of the toxic effect relates to the analytically determined concentration.
<b>Microorganisms/effect on activated sludge:</b>	EC50 (180min) >1,000mg/l, activated sludge, domestic (OECD Guideline 209, aquatic). The details of the toxic effect relate to the nominal concentration.

### 12.2. Persistence and degradability

<b>Assessment biodegradation and elimination (H20):</b>	Readily biodegradable (according to OECD criteria).
<b>Elimination information:</b>	70 – 80% CO <sub>2</sub> formation relative to the theoretical value (28d) (OECD 301D; EEC 92/69, C.4-E) (aerobic, activated sludge, domestic)

### 12.3. Bioaccumulative potential

<b>Assessment bioaccumulation potential:</b>	Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.
<b>Bioaccumulation potential:</b>	Accumulation in organisms is not to be expected.

**12.4. Mobility in soil****Assessment transport between environmental compartments:**

Volatility: The substance will not evaporate into the atmosphere from the water surface.  
Adsorption in soil: Adsorption to solid soil phase is possible.

**12.5. Results of PBT and vPvB assessment****Results:**

According to Annex XIII of Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. Self-classification.

**12.6. Other adverse effects****Other adverse effects:**

The substance is not listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

**Section 13: Disposal considerations****13.1. Waste treatment methods****Product:**

Must be disposed of or incinerated in accordance with local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom). This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (United Kingdom).

**Contaminated packaging:**

Uncontaminated packaging can be re-used.  
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

**Section 14: Transport information****Land transport:****ADR**

Not classified as a dangerous good under transport regulations  
UN number or ID number: not applicable.  
UN proper shipping name: not applicable.  
Transport hazard class(es): not applicable.  
Packaging group: not applicable.  
Environmental hazards: not applicable.  
Special precautions for user: None known.

**RID**

Not classified as a dangerous good under transport regulations  
UN number or ID number: not applicable.  
UN proper shipping name: not applicable.  
Transport hazard class(es): not applicable.  
Packaging group: not applicable.  
Environmental hazards: not applicable.  
Special precautions for user: None known.



<b>Inland waterway transport:</b>	<b><u>ADN</u></b> Not classified as a dangerous good under transport regulations UN number or ID number: not applicable. UN proper shipping name: not applicable. Transport hazard class(es): not applicable. Packaging group: not applicable. Environmental hazards: not applicable. Special precautions for user: None known.
<b>Transport in inland waterway vessel:</b>	Not evaluated.
<b>Sea transport:</b>	<b><u>IMDG</u></b> Not classified as a dangerous good under transport regulations UN number or ID number: not applicable. UN proper shipping name: not applicable. Transport hazard class(es): not applicable. Packaging group: not applicable. Environmental hazards: not applicable. Special precautions for user: None known.
<b>Air transport:</b>	<b><u>IATA/ICAO</u></b> Not classified as a dangerous good under transport regulations UN number or ID number: not applicable. UN proper shipping name: not applicable. Transport hazard class(es): not applicable. Packaging group: not applicable. Environmental hazards: not applicable. Special precautions for user: None known.
<b>Maritime transport in bulk according to IMO instruments:</b>	Maritime transport in bulk is not intended.

## Section 15: Regulatory information

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

<b>Prohibitions, restrictions and authorizations:</b>	Annex XVII of Regulation (EC) No 1907/2006: Number on List: 231-100-4, 63.  Directive 2012/18/EU – Control of Major Accident Hazards involving dangerous substances (EU): Listed in above regulation: no  If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.  The data should be considered when making an assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).
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### 15.2. Chemical Safety Assessment

<b>Chemical safety assessment:</b>	Advice on product handling can be found in Sections 7 and 8.  Chemical Safety Assessment performed.
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**Section 16: Other information****16.1. Other information****Phrases used in Section 2 and 3:**

Eye Dam./Irrit. - Serious eye damage/eye irritation.  
Aquatic Chronic - Hazardous to the aquatic environment – chronic.  
H319 – Causes serious eye irritation.  
H412 – Harmful to aquatic life with long lasting effects.

**Other information:**

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

**Legal disclaimer:**

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Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.