

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: SLSA
CAS number: 85681-55-6
EINECS number: 939-512-2
Synonyms: -
INCI name: Sodium Lauryl Sulfoacetate

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

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

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

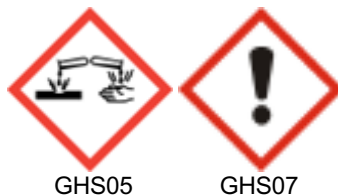
2.1. Classification of the substance or mixture

Classification under CLP (EC No. 1272/2008): H302 Acute Tox. 4.
H318 Eye Dam. 1.
H412 Aquatic Chronic 3:
Adverse physicochemical, human health and environmental effects:
H302 Harmful if swallowed, H318 Causes serious eye damage, H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements: H302: Harmful if swallowed.
H318: Causes serious eye damage.
H412: Harmful to aquatic life with long lasting effects.
Signal words: Danger

Hazard pictograms:



Precautionary statements:

P264: Wash skin thoroughly with soap and water after contact.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P330: Rinse mouth.
P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTRE or doctor/physician.
P501: Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

Other hazards: No information available.

Section 3: Composition/information on ingredients

3.1. Substances

Substances: Type UVCB
Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt
CAS Number: 85681-55-6
EC Number: 939-512-2
REACH Registration Number: 01-2119979530-32-XXXX
Concentration: 100%

3.2. Mixtures

Mixtures: Not applicable.

Section 4: First aid measures

4.1. Description of first aid measures

General information: When in doubt or if symptoms are observed, get medical advice.
Skin contact: Remove contaminated clothing immediately. Wash immediately with soap and plenty of water. Continue to rinse for at least 10 minutes.
Eye contact: Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
Ingestion: Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.
Inhalation: Move affected person to fresh air. Get medical attention.

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

Eye contact: Causes serious eye damage.

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

Immediate/special treatment: Treat symptomatically.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media: Water spray, alcohol-resistant foam, carbon dioxide (CO₂), dry powder.

Unsuitable extinguishing media: High power water jet.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition: Or combustion products may include the following substances: Carbon dioxide (CO₂), Carbon monoxide (CO), Sulphur oxides.

5.3. Advice for fire-fighters

Advice for fire-fighters: Move containers from fire area if this can be done without risk. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

Personal precautions: Ventilate spillage area. Avoid contact with skin and eyes. Use protective gloves, goggles and suitable protective clothing.

6.2. Environmental precautions

Environmental precautions: Avoid release to the environment. Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. Shovel into dry containers. Remove sources of ignition.

6.4. Reference to other sections

Reference to other sections: Information regarding exposure controls/personal protection and disposal considerations can be found in Section 8 and 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Wear protective clothing as per Section 8. Do not breath vapor or mist. Wash thoroughly after handling. Avoid heat, sunlight, ignition sources.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Storage at below 30°C in dry condition. Keep package tightly closed in well-ventilated place. Products should be primary stored indoor. Avoid the situation of getting wet with water, rain, etc. This product is sensitive to moisture and use immediately after opening.

7.3. Specific end use(s)

Specific end use(s): See Section 1.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Appropriate engineering controls: Provide sufficient ventilation.

DNEL/DMEL: **DNEL/DMEL (workers)**
Long-term - systemic effects, dermal 9.375mg/kg bw/day
Long-term - systemic effects, inhalation 26.45mg/m³

DNEL/DMEL (general population)
Long-term - systemic effects, oral 3.7 mg/kg bw/day
Long-term - systemic effects, inhalation 6.52mg/m³
Long-term - systemic effects, dermal 4.688mg/kg bw/day

PNEC: **PNEC (water)**
PNEC aqua (fresh water) 0.004mg/l
PNEC aqua (marine water) 0mg/l
PNEC aqua (intermittent, fresh water) 0.042mg/l

PNEC (sediment)
PNEC sediment (fresh water) 0.253mg/kg dwt
PNEC sediment (marine water) 0.025mg/kg dwt

PNEC (soil)
PNEC soil 0.048mg/kg dwt

PNEC (STP)
PNEC sewage treatment plant 1mg/l

8.2. Exposure controls



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| Respiratory protection: | If ventilation is inadequate, suitable respiratory protection must be worn. |
| Hand protection: | Chemical resistant protective gloves (EN374) |
| Eye protection: | Tightly sealed goggles according to EN166. |
| Environmental: | Avoid discharge into the environment. |

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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| State: | Solid, powder |
| Colour: | White to yellowish |
| Odour: | Characteristic odour |
| pH: | 5.0 - 7.5% aq soln |
| Melting point/range: | No information available. |
| Boiling point/range: | No information available. |
| Vapour pressure: | Not available. |
| Solubility in water: | 3.5g/100ml |
| Specific gravity: | 0.55 |
| Auto-ignition temperature: | Not available. |
| Partition coefficient (n-Octanol/water): | (Log Pow): 2.66 |

9.2. Other information

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| Molecular weight: | 345g/mol |
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Section 10: Stability and reactivity

10.1. Reactivity

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| Reactivity: | Considered stable under normal conditions. |
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10.2. Chemical stability

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| Chemical stability: | Considered stable under normal conditions. |
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10.3. Possibility of hazardous reactions

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| Hazardous reactions: | No potentially hazardous reactions known. |
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10.4. Conditions to avoid

Conditions to avoid: Keep away from heat and sources of ignition. Avoid contact with incompatible materials.

10.5. Incompatible materials

Materials to avoid: No information available.

10.6. Hazardous decomposition product

Haz. decomp. products: Heating may generate the following products: Sulphur oxides (SO_x), Carbon monoxide and Carbon dioxide.

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

Information: Acute Toxicity
Acute toxicity (oral) - harmful if swallowed.
Acute toxicity (dermal) - not classified.
Acute toxicity (inhalation) - not available.

LD50 (oral) rat: 660-1,650mg/kg bw
Guideline: OECD Guideline 401 (Acute Oral Toxicity)

LD50 (dermal): Rabbit >2,000mg/kg bodyweight Animal: rabbit,
Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

11.2. Symptoms/routes of exposure

Skin corrosion/irritation: Irritation to skin (rabbit): no skin irritation.

Serious eye damage/irritation: Causes serious eye damage.

Ingestion: Based on available data the classification criteria are not met.

Inhalation: Respiratory or skin sensitisation: Not sensitising.

Carcinogenicity: Based on available data the classification criteria are not met.

Germ cell mutagenicity: Negative (in vitro).

Teratogenicity: Reproductive toxicity - not classified.
NOAEL (animal/male, F0/P)
200mg/kg bw/day Animal: rat, Sex: male/female
Guideline: OECD Guideline 421

NOAEL (animal/male, F1)
1,000mg/kg bodyweight Animal: rat, Sex: male/female
Guideline: OECD Guideline 421

Specific target organ toxicity - repeated exposure - not classified.
NOAEL (oral, rat, 90 days)
750mg/kg bodyweight Animal: rat
Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Section 12: Ecological information

12.1. Toxicity

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| Toxicity: | <p>Ecology - general: toxic to aquatic life with long lasting effects. Hazardous to the aquatic environment, short term (acute) not classified.</p> <p>Hazardous to the aquatic environment, long-term (chronic): harmful to aquatic life with long lasting effects. Not rapidly degradable.</p> <p>LC50 - Fish [1] 4.2mg/l test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 7.9mg/l test organisms (species): Daphnia magna EC50 72h - Algae [1] 1.9mg/l test organisms (species): Scenedesmus capricornutum EC50 72h - Algae [2] 6.8mg/l test organisms (species): Scenedesmus capricornutum NOEC chronic algae 0.86mg/l test organisms (species): Scenedesmus capricornutum</p> |
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12.2. Persistence and degradability

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| Persistence and degradability: | The product is readily biodegradable. Biodegradation: 70.17% 28d |
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12.3. Bioaccumulative potential

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| Bioaccumulative potential: | Low bioaccumulation potential. |
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12.4. Mobility in soil

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| Mobility: | No information available. |
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12.5. Results of PBT and vPvB assessment

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| Results: | This substance is not classified as PBT or vPvB according to current EU criteria. |
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12.6. Endocrine disrupting properties

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| Endocrine disrupting properties: | No information available. |
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12.7. Other adverse effects

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| Other adverse effects: | No information available. |
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Section 13: Disposal considerations

13.1. Waste treatment methods

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| Product: | Avoid release to the environment. Refer to special instructions/ safety data sheets. Disposal should be in accordance with local, state or national legislation. |
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| General information: | Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
| Disposal methods: | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |

Section 14: Transport information

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| UN number or ID number: | Not classified as hazardous for transport. |
| UN proper shipping name: | Not classified as dangerous for transport. |
| Transport hazard class(es): | Not classified as hazardous for transport. |
| Packaging group: | Not classified as hazardous for transport. |
| Environmental hazards: | Presents little or no hazard to the environment. |
| Special precautions for user: | Not applicable. |
| Transport in bulk according to Annex II of Marpol and the IBC Code: | Not applicable. |

Section 15: Regulatory information

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

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| Specific regulations: | <u>EU Legislation</u> Not listed on REACH Annex XVII Not listed on the REACH Candidate List Not listed on REACH Annex XIV (Authorisation List) Not listed on the PIC list (Regulation EU 649/2012) Not listed on the POP list (Regulation EU 2019/1021) Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors) <u>Inventory Information</u> Taiwan (NECI) Listed Australia (AICS) Listed China (IECSC) Listed Canada (DSL) Listed Europe (EINECS) Listed Japan (MITI) Listed Korea (KECI) Listed New Zealand (NZIOC) Listed USA (TSCA) Listed |
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15.2. Chemical Safety Assessment

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| Chemical safety assessment: | A chemical safety assessment has been carried out. |
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Section 16: Other information**16.1. Other information****Other information:**

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

Legal disclaimer:

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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.