



## SAFETY DATA SHEET

### SODIUM LAURYL SULPHATE ON C12-14 ALCOHOL IN AQUEOUS SOLUTION

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

##### 1.1. Product identifier

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Product name          | SODIUM LAURYL SULPHATE ON C12-14 ALCOHOL IN AQUEOUS SOLUTION |
| Product number        | 13107                                                        |
| Synonyms; trade names | CAFLON SLS28U                                                |

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

|                 |            |
|-----------------|------------|
| Identified uses | SURFACTANT |
|-----------------|------------|

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

|          |                                                                                                                                      |
|----------|--------------------------------------------------------------------------------------------------------------------------------------|
| Supplier | Univar<br>Aquarius House<br>6 Mid Point Business Park<br>Bradford<br>BD3 7AY<br>+44 1274 267300<br>sds@univar.com<br>+44 1274 267306 |
|----------|--------------------------------------------------------------------------------------------------------------------------------------|

##### 1.4. Emergency telephone number

|                                                    |                                |
|----------------------------------------------------|--------------------------------|
| Emergency Contact Number<br>(Outside Office Hours) | SGS - +32 (0)3 575 55 55 (24h) |
|----------------------------------------------------|--------------------------------|

|                                            |                 |
|--------------------------------------------|-----------------|
| Emergency Contact Number<br>(Office Hours) | +44 1274 267346 |
|--------------------------------------------|-----------------|

|         |       |
|---------|-------|
| Sds No. | 13107 |
|---------|-------|

#### SECTION 2: Hazards identification

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

###### Classification (EC/1272/2008)

|                       |                                        |
|-----------------------|----------------------------------------|
| Physical hazards      | Not Classified                         |
| Health hazards        | Skin Irrit. 2 - H315 Eye Dam. 1 - H318 |
| Environmental hazards | Not Classified                         |

Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.

##### 2.2. Label elements

###### Pictogram



## SODIUM LAURYL SULPHATE ON C12-14 ALCOHOL IN AQUEOUS SOLUTION

|                                 |                                                                                                                                                                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Signal word</b>              | Danger                                                                                                                                                                                                                                                                                    |
| <b>Hazard statements</b>        | H315 Causes skin irritation.<br>H318 Causes serious eye damage.                                                                                                                                                                                                                           |
| <b>Precautionary statements</b> | P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| <b>Contains</b>                 | SULFURIC ACID, MONO C12-14 ALKYL ESTERS, SODIUM SALT                                                                                                                                                                                                                                      |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|                                                             |                                                  |                      |
|-------------------------------------------------------------|--------------------------------------------------|----------------------|
| <b>SULFURIC ACID, MONO C12-14 ALKYL ESTERS, SODIUM SALT</b> |                                                  | <b>30-60%</b>        |
| CAS number: 85586-07-8                                      |                                                  | EC number: 287-809-4 |
| <b>Classification</b>                                       | <b>Classification (67/548/EEC or 1999/45/EC)</b> |                      |
| Skin Irrit. 2 - H315                                        | Xi;R38,R41.                                      |                      |
| Eye Dam. 1 - H318                                           |                                                  |                      |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                     |                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.                                      |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. DO NOT induce vomiting. Get medical attention immediately.                                                                                                |
| <b>Skin contact</b> | Rinse with water. Get medical attention if any discomfort continues.                                                                                                                         |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |

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

|                     |                     |
|---------------------|---------------------|
| <b>Skin contact</b> | Irritating to skin. |
| <b>Eye contact</b>  | Irritating to eyes. |

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

|                             |                                                                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes for the doctor</b> | No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY! |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | Use fire-extinguishing media suitable for the surrounding fire. |
|-------------------------------------|-----------------------------------------------------------------|

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

## SODIUM LAURYL SULPHATE ON C12-14 ALCOHOL IN AQUEOUS SOLUTION

**Hazardous combustion products** Oxides of carbon.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** 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** For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes.

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

**Storage precautions** Store at temperatures between 20°C and 40°C.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



**Eye/face protection** The following protection should be worn: Chemical splash goggles.

**Hand protection** Use protective gloves. It is recommended that gloves are made of the following material: Rubber (natural, latex).

**Hygiene measures** Good personal hygiene procedures should be implemented.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

## SODIUM LAURYL SULPHATE ON C12-14 ALCOHOL IN AQUEOUS SOLUTION

|                  |                                   |
|------------------|-----------------------------------|
| Appearance       | Liquid.                           |
| Colour           | Yellowish.                        |
| Odour            | Characteristic.                   |
| pH               | pH (diluted solution): 11 (5 g/l) |
| Relative density | 1.05 @ 20°C                       |
| Solubility(ies)  | Miscible with water.              |

### 9.2. Other information

|                   |                 |
|-------------------|-----------------|
| Other information | Not determined. |
|-------------------|-----------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |                                                         |
|------------|---------------------------------------------------------|
| Reactivity | Does not decompose when used and stored as recommended. |
|------------|---------------------------------------------------------|

### 10.2. Chemical stability

|           |                                                                     |
|-----------|---------------------------------------------------------------------|
| Stability | Stable at normal ambient temperatures and when used as recommended. |
|-----------|---------------------------------------------------------------------|

### 10.3. Possibility of hazardous reactions

|                                    |                 |
|------------------------------------|-----------------|
| Possibility of hazardous reactions | Not determined. |
|------------------------------------|-----------------|

### 10.4. Conditions to avoid

|                     |             |
|---------------------|-------------|
| Conditions to avoid | Avoid heat. |
|---------------------|-------------|

### 10.5. Incompatible materials

|                    |               |
|--------------------|---------------|
| Materials to avoid | Strong acids. |
|--------------------|---------------|

### 10.6. Hazardous decomposition products

|                                  |                   |
|----------------------------------|-------------------|
| Hazardous decomposition products | Oxides of carbon. |
|----------------------------------|-------------------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|              |                                    |
|--------------|------------------------------------|
| Inhalation   | May cause irritation.              |
| Ingestion    | May cause discomfort if swallowed. |
| Skin contact | Irritating to skin.                |
| Eye contact  | Risk of serious damage to eyes.    |

## SECTION 12: Ecological Information

|             |                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity | The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 12.1. Toxicity

|          |                               |
|----------|-------------------------------|
| Toxicity | Not considered toxic to fish. |
|----------|-------------------------------|

### 12.2. Persistence and degradability

## SODIUM LAURYL SULPHATE ON C12-14 ALCOHOL IN AQUEOUS SOLUTION

**Persistence and degradability** There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste is classified as hazardous waste.

**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

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

## SODIUM LAURYL SULPHATE ON C12-14 ALCOHOL IN AQUEOUS SOLUTION

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EU legislation</b>              | Commission Regulation (EU) No 453/2010 of 20 May 2010.<br>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).<br>According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010<br>The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. |
| <b>Guidance</b>                    | CHIP for everyone HSG228.<br>Approved Classification and Labelling Guide (Sixth edition) L131.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Water hazard classification</b> | WGK 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| <b>Revision comments</b>         | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| <b>Revision date</b>             | 17/05/2016                                                                             |
| <b>Revision</b>                  | 02                                                                                     |
| <b>SDS number</b>                | 13107                                                                                  |
| <b>SDS status</b>                | Approved.                                                                              |
| <b>Risk phrases in full</b>      | R38 Irritating to skin.<br>R41 Risk of serious damage to eyes.                         |
| <b>Signature</b>                 | Jitendra Panchal                                                                       |
| <b>Hazard statements in full</b> | H315 Causes skin irritation.<br>H318 Causes serious eye damage.                        |