
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Primesurf TLL
- Chemical Name: 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
- Synonyms: Sodium Lauryl Sulfoacetate

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

- Use of the substance/mixture: Cosmetics, personal care products, Washing, cleaning products

1.3 Details of the supplier of the safety data sheet

Supplies for Candles & The Soap Kitchen Ltd
Unit E Swinton Bridge Industrial Estate,
White Lea Road, Swinton
South Yorkshire
S64 8BH, UK

Office Hours: Mon to Fri 08.00 to 16.00
customerservice@suppliesforcandles.co.uk
TEL: 01709 257151

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

2.2 Label elements

SECTION 2: Hazards identification (....)**GHS07****GHS05**

- Signal Word: Danger

2.2.1 Hazard statements

H302 - Harmful if swallowed.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

2.2.2 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

- No information available

SECTION 3: Composition/information on ingredients**3.1 Substances**

- Type UVCB

3.1.1 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%

SECTION 3: Composition/information on ingredients (....)**3.2 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.

4.1.1 Contact with eyes

Rinse immediately with plenty of water.

Continue to rinse for at least 15 minutes and get medical attention.

4.1.2 Contact with skin

Remove contaminated clothing immediately

Wash immediately with soap and plenty of water

Continue to rinse for at least 10 minutes.

4.1.3 Ingestion

Do not induce vomiting

Rinse mouth thoroughly with water.

Get medical attention immediately.

4.1.4 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

- Treat symptomatically
-

SECTION 5: Firefighting 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

SECTION 5: Firefighting measures (....)

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

5.3 Advice for firefighters

- 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

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

6.2 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

- 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

- 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

- 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.
-

SECTION 7: Handling and storage (....)

7.2 Conditions for safe storage, including any incompatibilities

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)

- See Section 1
- See Section 1.2
- See Section 1

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Appropriate Engineering Controls: Provide sufficient ventilation

8.1.1 DNEL/DMEL

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 9.375 mg/kg bw/day

Long-term - systemic effects, inhalation 26.45 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects, oral 3.75 mg/kg bw/day

Long-term - systemic effects, inhalation 6.52 mg/m³

Long-term - systemic effects, dermal 4.688 mg/kg bw/day

8.1.2 PNEC

PNEC (Water)

PNEC aqua (freshwater) 0.004 mg/l

PNEC aqua (marine water) 0 mg/l

PNEC aqua (intermittent, freshwater) 0.042 mg/l

PNEC (Sediment)

PNEC sediment (freshwater) 0.253 mg/kg dwt

PNEC sediment (marine water) 0.025 mg/kg dwt

PNEC (Soil)

PNEC soil 0.048 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant 1 mg/l

8.2 Exposure controls



Gloves



Goggles



Suit

SECTION 8: Exposure controls/personal protection (....)

- Eye protection: Tightly sealed goggles according to EN 166
- Hand Protection: Chemical resistant protective gloves (EN 374)
- Respiratory Protection: If ventilation is inadequate, suitable respiratory protection must be worn

8.3 Environmental exposure controls

- Avoid discharge into the environment.
-

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

- Appearance: Solid, powder
- Colour: White to yellowish
- Odour: Characteristic odour
- pH: 5.0 - 7.5 1% aq soln
- Melting point/Range: No information available
- Boiling Point/Range: No information available
- Vapour Pressure: Not available
- Solubility in water: 3.5 g/100ml
- Specific Gravity: 0.55
- Auto-Ignition Temperature: Not available
- Partition Coefficient (n-Octanol/Water): (Log Pow): 2.66

9.2 Other information

- Molecular weight: 345 g/mol
-

SECTION 10: Stability and reactivity**10.1 Reactivity**

- Considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No potentially hazardous reactions known

10.4 Conditions to avoid

- Keep away from heat and sources of ignition
- Avoid contact with incompatible materials

10.5 Incompatible materials

SECTION 10: Stability and reactivity (....)

- No information available

10.6 Hazardous decomposition 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**

Acute Toxicity

Acute toxicity (oral) Harmful if swallowed.

Acute toxicity (dermal) Not classified

Acute toxicity (inhalation) Not available

LD50 (oral) rat: 660-1650 mg/kg bw Guideline: OECD Guideline 401 (Acute Oral Toxicity)

LD50 (dermal) : Rabbit >2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

11.2 Serious eye damage/irritation

- Causes serious eye damage

11.3 Skin corrosion/irritation

- Irritation to skin (rabbit): no skin irritation

11.4 Ingestion

- Based on available data the classification criteria are not met

11.5 Inhalation

- Respiratory or skin sensitisation: Not sensitising

11.6 Carcinogenicity

- Based on available data the classification criteria are not met

11.7 Germ cell mutagenicity

- Negative (in vitro)

11.8 Teratogenicity

Reproductive toxicity - Not classified

NOAEL (animal/male, F0/P)

200 mg/kg bw/day Animal: rat, Sex: male/female, Guideline: OECD Guideline 421

NOAEL (animal/male, F1)

1000 mg/kg bodyweight Animal: rat, Sex: male/female, Guideline: OECD Guideline 421

Specific target organ toxicity - repeated exposure - Not classified

SECTION 11: Toxicological information (....)

NOAEL (oral, rat, 90 days)

750 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

SECTION 12: Ecological information

12.1 Toxicity

Ecology - general: Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) Not classified

Hazardous to the aquatic environment, long-term (chronic): Harmful to aquatic life with long lasting effects.

Not rapidly degradable

LC50 - Fish [1] 4.2 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

EC50 - Crustacea [1] 7.9 mg/l Test organisms (species): Daphnia magna

EC50 72h - Algae [1] 1.9 mg/l Test organisms (species): Scenedesmus capricornutum

EC50 72h - Algae [2] 6.8 mg/l Test organisms (species): Scenedesmus capricornutum

NOEC chronic algae 0.86 mg/l Test organisms (species): Scenedesmus capricornutum

12.2 Persistence and degradability

- The product is readily biodegradable.

- Biodegradation: 70.17 % 28d

12.3 Bioaccumulative potential

Bioaccumulative potential: Low bioaccumulation potential.

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria

12.6 Other adverse effects

- No information available

- Endocrine disrupting properties: No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets

- Disposal should be in accordance with local, state or national legislation

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**14.1 UN number or ID number**

- UN No.: Not classified as hazardous for transport

14.2 UN proper shipping name

- Proper Shipping Name: Not classified as dangerous for transport.

14.3 Transport hazard class(es)

- Hazard Class: Not classified as hazardous for transport

14.4 Packing group

- Packing Group: Not classified as hazardous for transport

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Not applicable

14.7 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**

EU legislation

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)

Inventory Information

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

15.2 Chemical safety assessment

SECTION 15: Regulatory information (....)

- A chemical safety assessment has been carried out.
-

SECTION 16: Other information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

--- end of safety datasheet ---
