

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Identification of the substance:

Product Name: Decyl Glucoside - TSK-LIQ030

Chemical Name: C8-16 Alkyl polyglucoside

INCI Name: Decyl Glucoside

UFI: AQ9V-DEJY-SSKT-XTCN

Additional identification: Nanoform is NOT covered by this SDS.

1.2 Company identification:

Registered company name: Supplies for Candles Ltd & The Soap Kitchen Ltd

Address: Unit E Swinton Bridge Industrial Estate, Whitelee Road, Swinton, South Yorkshire, S64 8BH

Telephone: 01709 257151

Email: customerservice@suppliesforcandles.co.uk

1.3 Emergency telephone: 01709 257151

1.4 Use of the substance: Cleaning agent. Cosmetics, personal care products

2 - HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Skin Irrit.2	H315
Eye Dam.1	H318

For full text of H-phrases: see section 2.2.

2.2 Label elements

Hazard Picograms:



Signal word(s):

Danger

Hazard statements:

H315: Causes skin irritation.

H318: Causes serious eye damage.

Safety Precautions:

P264: Wash hand thoroughly after handling.

P280: Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352: Gently wash with plenty of soap and water.

P332+P313: If skin irritation occurs, get medical advice/attention.

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 CENTER or doctor/physician.

P362+P364: Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

The mixture does not contain PBT/vPvB substance.

The mixture does not contain endocrine disruptor.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Content	CAS#	EC#	REACH Registration No.	Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
C8-10 Alkyl Polyglucoside	20-40%	68515-73-1	500-220-1	01-2119488530-36-xxxx	H318	N/A
C10-16 Alkyl Polyglucoside	10-30%	110615-47-9	600-975-8	01-2119489418-23-xxxx	H315 H318	Eye Damage 1; >12%≤30% Eye Damage 1; >30% Skin Irrit. 2; >30%
Water	48.0-50.0%	7732-18-5	231-791-2	N/A	Not classified	N/A

4.1 Description of first aid measures

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation

Not relevant.

4.1.2 In case of skin contact

Rinse with running water.

4.1.3 In case of eyes contact

Rinse immediately with plenty of running water (for 10 minutes), seek medical advice from a specialist.

4.1.4 In case of ingestion

Rinse the mouth. Drink 1-2 glasses of water, get medical aid.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment

needed

If skin irritation or rash occurs, get medical advice/attention.

5 - FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media:

Water fog, foam, extinguishing powder, carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Wear chemical resistant oversuit. Cool containers / tanks with water spray.

6 - ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

Avoid contact with skin and eyes.

6.1.2 For emergency responders

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Wear suitable protective clothing.

6.2 Environmental precautions

Do not empty into drains / surface water / ground water.

6.3 Methods and material for Containment and Cleaning up

Remove with liquid-absorbing material (sand, peat, sawdust).

6.4 Reference to other sections

Refer additionally to chapter 8 and 13.

7 - HANDLING AND STORAGE**7.1 Precautions for safe handling****7.1.1 Protective measures:**

Avoid open flames.

7.1.2 Advice on general occupational hygiene

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly sealed.

7.3 Specific end use(s)

Not applicable.

8 - EXPOSURE CONTROL/PERSONAL PROTECTION**8.1 Control parameters:****8.1.1 Occupational exposure limits**

Not available.

8.1.2 Additional exposure limits under the conditions of use

Not available.

8.1.3 DNEL/DMEL and PNEC-Values

Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits.

8.2.2 Individual protection measures, such as personal protective equipment

Eye/face protection:

Protective goggles.

Skin protection:

Hand protection: Heavy rubber gloves.

Body protection: Wear suitable protective clothing to prevent skin exposure.

Respiratory protection:

Wear suitable respiratory equipment.

Thermal hazards:

Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls

Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Light yellow viscous liquid
Odor:	Weak odor
Odor threshold:	Not available
pH (20% in 15% IPA):	11.5-12.5
Melting point/range (°C):	>300°C (CAS#68515-73-1)
Boiling point/range (°C):	>300°C (CAS#68515-73-1) >301°C (CAS#110615-47-9)
Flash point (°C):	>100°C
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower explosive limits:	Not available
Vapor pressure (20°C):	<0.001Pa (20°C, CAS#68515-73-1) ≤0.008Pa (20°C, CAS#110615-47-9)
Vapor density:	Not available
Relative Density:	1080 kg/m ³
Bulk density (kg/m ³):	Not available
Water solubility (g/l):	Soluble in water
n-Octanol/Water (log Po/w):	≤-0.07 (20°C, CAS#68515-73-1) ≤-0.07 (20°C, CAS#110615-47-9)
Auto-ignition temperature:	Not available

Decomposition temperature:	Not available
Viscosity (20°C):	1000-6000mPa.s
Explosive properties:	Not explosive
Oxidising properties:	Not available

9.2 Other information

Fat solubility (solvent-oil to be specified):	Not available
Surface tension:	29.5mN/m (Conc.:1g/L) (23°C)
Dissociation constant in water (pKa):	Not available
Oxidation-reduction Potential:	Not available

10 - STABILITY AND REACTIVITY

10.1 Reactivity

The substance is stable under normal storage and handling conditions.

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Incompatible materials.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

In case of fire may be liberated: carbon monoxide and carbon dioxide.

11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

ATEmix (oral):	Not available
ATEmix (inhalation):	Not available
ATEmix (Dermal):	Not available

CAS: 68515-73-1:

LD50 (Oral, Rat):	>2000mg/kg bw
LC50 (Inhalation, Rat):	Not available
LD50 (Dermal, Rabbit):	>2000mg/kg bw

CAS: 110615-47-9:

LD50 (Oral, Rat):	>5000mg/kg bw
LC50 (Inhalation, Rat):	Not available
LD50 (Dermal, Rabbit):	>2000mg/kg bw

Skin corrosion/Irritation:	Causes skin irritation
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

11.2 Information on other hazards

Endocrine disrupting properties The mixture does not contain endocrine disruptor.

Other information Not applicable

12 - ECOLOGICAL INFORMATION

12.1 Toxicity

CAS: 68515-73-1:

Acute (short-term) toxicity:

LC50 (96h, Danio rerio): 100.81mg/L

LC50 (96h, Scophthalmus maximus): 96.64mg/L

EC50 (48h, Daphnia magna) > 100mg/L

EC50 (48h, Marine water invertebrates): 31.62 mg/L

Chronic (long-term) toxicity:

NOEC (28d, Danio rerio): 1.8mg/L

EC10 (21d, Daphnia magna): 1.76mg/L

Toxicity to aquatic algae and cyanobacteria:

EC50 (Freshwater algae): 27.22 mg/L

EC50 (Marine water algae): 7.03 mg/L

NOEC (Freshwater algae): 6.25 mg/L

CAS: 110615-47-9:

Acute (short-term) toxicity:

LC50 (96h, Fish): 2.95mg/L

EC50 (48h, Aquatic invertebrates) 7mg/L

Chronic (long-term) toxicity:

NOEC (28d, Fish): 1.8mg/L

EC10 (21d, Daphnia magna): 1.76mg/L

Toxicity to aquatic algae and cyanobacteria:

EC50 (72h, Green algae): 12.5 mg/L

12.2 Persistence and degradability

CAS: 68515-73-1 & 110615-47-9:

Biodegradation in water: screening tests: Readily biodegradable according to the OECD criteria.

Biodegradation in water and sediment: simulation tests: >99.4%/28d

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

The mixture does not contain PBT / vPvB substance.

12.6 Endocrine disrupting properties

The mixture does not contain endocrine disruptor.

12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

12.8 Additional information

Not available

13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Dispose of in accordance with all applicable local and national regulations. Use recovery/recycling where feasible, otherwise incineration is the recommended method of disposal. Empty containers may contain hazardous residues. Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

14 - TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	No	No	No	No
14.6 Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
14.7 Maritime transport in bulk according to IMO instruments	Not regulated	Not regulated	Not regulated	Not regulated

15 - REGULATORY INFORMATION

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

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National regulations: Not applicable.

15.2 Chemical Safety Assessment

No.

16 - OTHER INFORMATION

16.1 Indication of changes

Version 1.0 Amended by (EU) 2020/878

16.2 Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation for rail International transportation of Dangerous goods

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: Code international maritime dangerous goods code

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

UFI: Unique Formula Identifier

LC50: median lethal concentration

EC50: The effective concentration of substance that causes 50% of the maximum response.

NOEC: No Observed Effect Concentration

DNEL: derived no-effect level

PNEC: predicted no-effect concentration

16.3 Key literature references and sources for data

ECHA Registered substances data

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008		Classification procedure
Skin Irrit. 2	H315	On basis of test data
Eye dam.1	H318	On basis of test data

16.5 Relevant H-statements (number and full text)

H315: Causes skin irritation.

H318: Causes serious eye damage.

16.6 Training instructions

Not applicable.

16.7 Further information

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.8 Notice to reader

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.