
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: TSK-LIQ009 - Polyquaternium-7 (Surfac)
- Chemical Name: Copolymer of acrylamide and diallyldimethylamminium chloride
- CAS Number: 26590-05-6
- EC Number: 205-582-1
- REACH Registration Number: POLYMER
- Synonyms:

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

- Use of the substance/mixture: Conditioning agent.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Supplies for Candles Ltd & The Soap Kitchen Ltd
- Address of Supplier: Unit E Swinton Bridge Industrial Estate
Whitelee Road
Swinton, South Yorkshire
S64 8BH
- Telephone: 01709 257151
- Responsible Person: Nicky Story
- Email: customerservice@suppliesforcandles.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 01709 257151 (8AM-4PM)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Classification according to CLP (EC No. 1272/2008)

2.2 Label elements

- Signal Word: None

2.2.1 Hazard statements

Not Classified

2.2.2 Precautionary statements

None assigned

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

COPOLYMER OF ACRYLAMIDE AND DIALLYLDIMETHYLAMMINIUM CHLORIDE -

CAS: 26590-05-6 -

Aquatic Chronic 3: H412

Content: 5 - 15%

SECTION 4: First aid measures

4.1 Description of first aid measures

- General Information: Get medical attention immediately., Chemical burns must be treated promptly by a physician., Show this Safety Data Sheet to the medical personnel. Treat symptomatically. First aid personnel should wear appropriate protective equipment during any rescue.
- Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue.

4.1.1 Contact with eyes

Get medical attention immediately.

May cause permanent damage if eye is not immediately irrigated.

Show this Safety Data Sheet to the medical personnel. If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

4.1.2 Contact with skin

Get medical attention promptly if symptoms occur after washing.

Show this Safety Data Sheet to the medical personnel.

4.1.3 Ingestion

IF SWALLOWED: Get medical attention. Rinse mouth thoroughly with water. Consult a physician for specific advice. Show this Safety Data Sheet to the medical personnel.

4.1.4 Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Get medical attention if adverse health effects persist or are severe.

Show this Safety Data Sheet to the medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

SECTION 4: First aid measures (....)

- General Information: See Section 11 for more detailed information on health effects and symptoms., Treat symptomatically
- Inhalation: Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
- Ingestion: May cause discomfort if swallowed, The product is considered to be a low hazard under normal conditions of use.
- Skin contact: Skin irritation should not occur when used as recommended., May be slightly irritating to skin.
- Eye contact: Causes serious eye damage. Irritation of eyes and mucous membranes. Severe irritation, burning, tearing and blurred vision.

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: Foam, Water fog or fine spray.
- Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire

5.2 Special hazards arising from the substance or mixture

- In the event of fire, the following can be released: Oxides of carbon., Carbon monoxide (CO), Oxides of nitrogen., Nitrous gases (NOx).

5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
- In case of fire: Stop leak if safe to do so.
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Wear self contained breathing apparatus.
- Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure procedures and training for emergency decontamination and disposal are in place.
- No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.
- Avoid contact with eyes and prolonged skin contact.
- Wear protective clothing as described in Section 8 of this safety data sheet.
- Take care as floors and other surfaces may become slippery.
- Do not handle broken packages without protective equipment.

SECTION 6: Accidental release measures (....)

- Treat the spilled material according to the instructions in the clean-up section.
- Wash thoroughly after dealing with a spillage.

6.2 Environmental precautions

The product is not expected to be toxic to aquatic organisms. The product contains a substance which may cause long-term adverse effects in the aquatic environment

6.3 Methods and material for containment and cleaning up

Stop leak if safe to do so. To prevent release, place container with damaged side up. Take care as floors and other surfaces may become slippery. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority. For waste disposal, see Section 13.

6.4 Reference to other sections

- For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Restricted to professional users
- For industrial use only
- Acquisition, possession or use by the general public is restricted.
- Wear protective clothing as per section 8
- Eye bathing equipment and safety shower should be available.
- Wash hands thoroughly after handling.
- Advice on general occupational hygiene: When using do not eat, drink or smoke., P270 - Do not eat, drink or smoke when using this product., Eye wash facilities and emergency shower must be available when handling this product., Good personal hygiene procedures should be implemented., Wash promptly if skin becomes contaminated., Remove contaminated clothing and protective equipment before entering eating areas., P363 - Wash contaminated clothing before reuse., Wash hands before breaks and at the end of work., Contaminated clothing should be changed before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

- Refer to the "storage and shelf life information" in the product specification for storage advice.
- Protect containers from damage.
- Keep away from food, drink and animal feeding stuffs.

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

- Protect from freezing and direct sunlight.

7.3 Specific end use(s)

- See Section 1

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No data available.

8.1.1 DNEL/DMEL

8.1.2 PNEC

8.2 Exposure controls



Goggles



Suit



Gloves



Visor



Boots

- Appropriate Engineering Controls: No specific ventilation requirements. Avoid inhalation of vapours and spray/mists. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures.
- Eye/Face Protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible., Personal protective equipment that provides appropriate eye and face protection should be worn. Wear tight-fitting, chemical splash goggles or face shield
- Hand Protection: It is recommended that chemical-resistant, impervious gloves are worn., The breakthrough time for any glove material may be different for different glove manufacturers., When used with mixtures, the protection time of gloves cannot be accurately estimated., The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material., Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. , The glove material has to be impermeable and resistant to the product/the substance/the preparation
- Other skin protection: Wear appropriate clothing to prevent any possibility of skin contact
- Hygiene Measures: Good personal hygiene procedures should be implemented., Wash hands thoroughly after handling (P264), Wash contaminated skin thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Change work clothing daily before leaving workplace. Care should be taken to avoid contact with contaminants when removing contaminated clothing. Warn cleaning personnel of any hazardous properties of the product.
- Respiratory Protection: No specific requirements are anticipated under normal conditions of use.
- Thermal Hazards: No specific requirements are anticipated under normal conditions of use

8.3 Environmental exposure controls

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

- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation
- Residues and empty containers should be taken care of as hazardous waste according to local and national provisions

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: Colourless
- Odour: Barely perceptible odour
- pH: PH (diluted solution): 3.8-4.5 5% in H₂O
- Melting point/Range: No information available
- Boiling Point/Range: No information available
- Solubility in water: No information available
- Relative Density: ~ 1.02 @ 25°C
- Vapour pressure - not applicable
- Flammability: Non flammable
- Explosive Properties: No data available.
- Oxidising Properties: No oxidising properties
- Evaporation rate: No data available
- Viscosity: 7500-15-000 cP @ 25°C (Spindle 4, 10rpm)

9.2 Other information

- Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

- Stable under recommended storage and handling conditions.

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known under normal atmospheric conditions

10.4 Conditions to avoid

- Containers can burst violently or explode when heated, due to excessive pressure build-up.
- No specific requirements are anticipated under normal conditions of use.

10.5 Incompatible materials

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

- Strong acids
- strong alkalis

10.6 Hazardous decomposition products

- Carbon dioxide / Carbon monoxide
 - Nitrous gases (NO_x)
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Toxicological information of the product: Information given is based on data of the components and of similar products.

11.1.1 Copolymer of acrylamide and diallyldimethylamminium chloride

Acute toxicity - oral: LD50 >2000 mg/kg, Oral Rat

Acute toxicity - dermal: LD50 >2000 mg/kg, Dermal Rat

11.2 Serious eye damage/irritation

- Based on available data the classification criteria are not met

11.3 Skin corrosion/irritation

- Based on available data the classification criteria are not met

11.4 Ingestion

- Based on available data the classification criteria are not met

11.5 Inhalation

- Based on available data the classification criteria are not met

11.6 Carcinogenicity

- Based on available data, the classification criteria are not met.

11.7 Germ cell mutagenicity

- Based on available data, the classification criteria are not met.

11.8 Teratogenicity

- Based on available data, the classification criteria are not met.
-

SECTION 12: Ecological information

Ecotoxicity: Not regarded as dangerous for the environment. The product contains a substance which may cause long-term adverse effects in the aquatic environment.

12.1 Toxicity

SECTION 12: Ecological information (....)

Toxicity: Not available.

Acute aquatic toxicity: Not available.

Chronic aquatic toxicity: Not available

Ecological information on ingredients.

Copolymer of acrylamide and diallyldimethylammonium chloride

Acute aquatic toxicity

Acute toxicity - aquatic EC₅₀, 48 hour: >10 mg/l, Daphnia magna invertebrates

Acute toxicity - fish (Zebra Fish) Brachydanio rerio - 96H LC50: > 10 mg/l

12.2 Persistence and degradability

- No data available.

12.3 Bioaccumulative potential

- Not data available

12.4 Mobility in soil

- No data available.

12.5 Results of PBT and vPvB assessment

- This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

- No data 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 Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. The generation of waste should be minimised or avoided wherever possible.

This material and its container must be disposed of as hazardous waste. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements

Disposal methods The generation of waste should be minimised or avoided wherever possible. Collect and place in suitable waste disposal containers and seal securely. 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 dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

- Proper Shipping Name: Not classified as dangerous in the meaning of transport regulations.

14.3 Transport hazard class(es)

- Hazard Class: Not classified as dangerous in the meaning of transport regulations.

14.4 Packing group

- Packing Group: N.A

14.5 Environmental hazards

- N.A

14.6 Special precautions for user

- N.A

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- N.A
-

SECTION 15: Regulatory information

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

National regulations: EH40/2005 Workplace exposure limits.
 Health and Safety at Work etc. Act 1974 (as amended).
 Control of Substances Hazardous to Health Regulations 2002 (as amended).

Guidance Workplace Exposure Limits EH40.

REACH Regulation (EC) 1907/2006

This product is a polymer as defined in Art. 3 (5) of the Reach regulation and is therefore exempt from registration. All monomers and starting substances are either REACH registered or exempted according Annex IV/V.

Restrictions (SI 2020 No.1577 Annex XVII)

This product contain no substances (≥ 0.1 % w/w) of very high concern (SVHC).

Recommendation on the definition of nanomaterial (2011/696/EU)

This product does not contain nanomaterial.

Swiss Ordinance 814.018

This product does not contain Volatile Organic Compounds (VOC's) as defined in 814.018
 Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC).

Pesticides (EC 1107/2009) / (EU) 528/2012 Biocidal Products Regulation (BPR)

Does not contain substances regulated as biocides. Does not contain substances regulated

SECTION 15: Regulatory information (....)

as pesticides.

15.2 Chemical safety assessment

- A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Inventories

EU - EINECS/ELINCS

All the ingredients are listed or exempt.

Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

Not applicable.

Australia - AICC

All the ingredients are listed or exempt.

Japan - ENCS

All the ingredients are listed or exempt.

Korea - KECI

All the ingredients are listed or exempt.

China - IECSC

All the ingredients are listed or exempt.

Philippines – PICCS

All the ingredients are listed or exempt.

New Zealand - NZIOC

All the ingredients are listed or exempt.

Taiwan - TCSI

All the ingredients are listed or exempt.

Malaysia (EHSNR) Not listed.

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 ---
