

# TORK Sensitive Foam Soap

## Essity Australasia

Chemwatch: 5485-11

Version No: 5.3

Safety Data Sheet according to Work Health and Safety Regulations (Hazardous Chemicals) 2023 and ADG requirements

Chemwatch Hazard Alert Code: 2

Issue Date: 17/01/2024

Print Date: 01/08/2024

S.GHS.AUS.EN

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

#### Product Identifier

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| Product name                  | TORK Sensitive Foam Soap                                      |
| Chemical Name                 | Not Applicable                                                |
| Synonyms                      | Product Code: 520701; Previously: TORK Extra Mild Liquid Soap |
| Chemical formula              | Not Applicable                                                |
| Other means of identification | Not Available                                                 |

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

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| Relevant identified uses | Skin cleanser.<br>Use according to manufacturer's directions. |
|--------------------------|---------------------------------------------------------------|

#### Details of the manufacturer or supplier of the safety data sheet

| Registered company name | Essity Australasia                                            | Essity Australasia                                                 |
|-------------------------|---------------------------------------------------------------|--------------------------------------------------------------------|
| Address                 | 30-32 Westall Road SPRINGVALE VIC 3171 Australia              | Level 2, 103 Carlton Gore Road Newmarket Auckland 1023 New Zealand |
| Telephone               | (03) 9550 2999                                                | 0800 523 565                                                       |
| Fax                     | 1800 630 234                                                  | Not Available                                                      |
| Website                 | <a href="http://www.tork.com.au/">http://www.tork.com.au/</a> | <a href="http://www.tork.co.nz/">http://www.tork.co.nz/</a>        |
| Email                   | customerservice.anz@essity.com                                | customerservice.anz@essity.com                                     |

#### Emergency telephone number

| Association / Organisation        | Essity Australasia | Essity Australasia | CHEMWATCH EMERGENCY RESPONSE (24/7) |
|-----------------------------------|--------------------|--------------------|-------------------------------------|
| Emergency telephone numbers       | 1800 643 634       | 0800 523 565       | +61 1800 951 288                    |
| Other emergency telephone numbers | Not Available      | Not Available      | +61 3 9573 3188                     |

Once connected and if the message is not in your preferred language then please dial 01

### SECTION 2 Hazards identification

#### Classification of the substance or mixture

|                               |                |
|-------------------------------|----------------|
| Poisons Schedule              | Not Applicable |
| Classification <sup>[1]</sup> | Not Applicable |

#### Label elements

|                     |                |
|---------------------|----------------|
| Hazard pictogram(s) | Not Applicable |
| Signal word         | Not Applicable |

#### Hazard statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

Not Applicable

#### Precautionary statement(s) Response

Not Applicable

#### Precautionary statement(s) Storage

Not Applicable

#### Precautionary statement(s) Disposal

Not Applicable

### SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures

Mixtures

| CAS No        | %[weight] | Name                                       |
|---------------|-----------|--------------------------------------------|
| 56-81-5       | 1-5       | <u>glycerol</u>                            |
| Not Available | >60       | Ingredients determined not to be hazardous |

Legend: 1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. Classification drawn from C&L; \* EU IOELVs available

SECTION 4 First aid measures

Description of first aid measures

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | <p>If this product comes in contact with eyes:</p> <ul style="list-style-type: none"><li>▶ Wash out immediately with water.</li><li>▶ If irritation continues, seek medical attention.</li><li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li></ul>                                                                                                                                                                   |
| Skin Contact | <p>The product designed for skin contact. If there is a reaction, remove all affected clothing and wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard [Mfr].</p> <ul style="list-style-type: none"><li>▶ Concentrate and diluted solution is readily removed with water.</li><li>▶ Abraded or broken skin should be washed carefully and thoroughly.</li><li>▶ Seek medical attention in event of irritation.</li></ul> |
| Inhalation   | <ul style="list-style-type: none"><li>▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li><li>▶ Other measures are usually unnecessary.</li></ul> <p>If symptoms persist, seek medical attention.</p>                                                                                                                                                                                                                               |
| Ingestion    | <p><b>DO NOT INDUCE vomiting.</b></p> <ul style="list-style-type: none"><li>▶ Immediately give a glass of water.</li><li>▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li></ul>                                                                                                                                                                                                                                   |

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.

Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.

In such an event consider:

- ▶ foam.
- ▶ dry chemical powder.
- ▶ carbon dioxide.

Special hazards arising from the substrate or mixture

|                      |             |
|----------------------|-------------|
| Fire Incompatibility | None known. |
|----------------------|-------------|

Advice for firefighters

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Fighting         | <ul style="list-style-type: none"><li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li><li>▶ Wear breathing apparatus plus protective gloves in the event of a fire.</li><li>▶ Prevent, by any means available, spillage from entering drains or water courses.</li><li>▶ Use fire fighting procedures suitable for surrounding area.</li><li>▶ <b>DO NOT</b> approach containers suspected to be hot.</li><li>▶ Cool fire exposed containers with water spray from a protected location.</li><li>▶ If safe to do so, remove containers from path of fire.</li><li>▶ Equipment should be thoroughly decontaminated after use.</li></ul> |
| Fire/Explosion Hazard | <ul style="list-style-type: none"><li>▶ Non combustible.</li><li>▶ Not considered to be a significant fire risk.</li><li>▶ Expansion or decomposition on heating may lead to violent rupture of containers.</li><li>▶ Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).</li><li>▶ May emit acrid smoke.</li></ul> <p>Other decomposition products include:<br/>carbon dioxide (CO2)</p>                                                                                                                                                                                                                                             |
| HAZCHEM               | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

|              |                                                                                                                                                                                     |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minor Spills | <p>Clean up all spills immediately.</p> <p>Slippery when spilt.</p> <p>Avoid contact with skin and eyes.</p> <p>Wipe up.</p> <p>Place in clean drum then flush area with water.</p> |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Major Spills | Slippery when spilt.<br>Minor hazard. <ul style="list-style-type: none"><li>Clear area of personnel.</li><li>Alert Fire Brigade and tell them location and nature of hazard.</li><li>Control personal contact with the substance, by using protective equipment as required.</li><li>Prevent spillage from entering drains or water ways.</li><li>Contain spill with sand, earth or vermiculite.</li><li>Collect recoverable product into labelled containers for recycling.</li><li>Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.</li><li>Wash area and prevent runoff into drains or waterways.</li><li>If contamination of drains or waterways occurs, advise emergency services.</li></ul> |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

Precautions for safe handling

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe handling     | None required when handling small quantities.<br><b>OTHERWISE:</b> <ul style="list-style-type: none"><li>Limit all unnecessary personal contact.</li><li>Wear protective clothing when risk of exposure occurs.</li><li>Use in a well-ventilated area.</li><li>When handling DO NOT eat, drink or smoke.</li><li>Always wash hands with soap and water after handling.</li><li>Avoid physical damage to containers.</li><li>Use good occupational work practice.</li><li>Observe manufacturer's storage and handling recommendations contained within this SDS.</li></ul> |
| Other information | Storage temperatures <=30C. Storage period after opening, 12 months. <ul style="list-style-type: none"><li>Keep dry.</li><li>Store under cover.</li><li>Protect containers against physical damage.</li><li>Observe manufacturer's storage and handling recommendations contained within this SDS.</li></ul>                                                                                                                                                                                                                                                              |

Conditions for safe storage, including any incompatibilities

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Suitable container      | Plastic container <ul style="list-style-type: none"><li>Packaging as recommended by manufacturer.</li></ul> |
| Storage incompatibility | None known                                                                                                  |

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

| Source                       | Ingredient | Material name | TWA      | STEL          | Peak          | Notes                                                                                    |
|------------------------------|------------|---------------|----------|---------------|---------------|------------------------------------------------------------------------------------------|
| Australia Exposure Standards | glycerol   | Glycerin mist | 10 mg/m3 | Not Available | Not Available | (a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica. |

Emergency Limits

| Ingredient | TEEL-1        | TEEL-2    | TEEL-3        |
|------------|---------------|-----------|---------------|
| glycerol   | 45 mg/m3      | 180 mg/m3 | 1,100 mg/m3   |
| Ingredient | Original IDLH |           | Revised IDLH  |
| glycerol   | Not Available |           | Not Available |

Exposure controls

|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls                                      | General exhaust is adequate under normal operating conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Individual protection measures, such as personal protective equipment |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Eye and face protection                                               | No special equipment for minor exposure i.e. when handling small quantities.<br><b>OTHERWISE:</b> <ul style="list-style-type: none"><li>Safety glasses with side shields.</li><li>Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]</li></ul> |
| Skin protection                                                       | See Hand protection below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Hands/feet protection                                                 | No special equipment needed when handling small quantities.<br><b>OTHERWISE:</b> Wear chemical protective gloves, e.g. PVC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Body protection                                                       | See Other protection below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Other protection                                                      | No special equipment needed when handling small quantities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

OTHERWISE:

- ▶ Overalls.
- ▶ Barrier cream.
- ▶ Eyewash unit.

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the: **"Forsberg Clothing Performance Index"**.  
The effect(s) of the following substance(s) are taken into account in the **computer-generated** selection:  
TORK Sensitive Foam Soap

| Material         | CPI |
|------------------|-----|
| BUTYL            | C   |
| NATURAL RUBBER   | C   |
| NATURAL+NEOPRENE | C   |
| NEOPRENE         | C   |
| NITRILE          | C   |
| PE/EVAL/PE       | C   |
| PVA              | C   |
| VITON            | C   |

\* CPI - Chemwatch Performance Index  
A: Best Selection  
B: Satisfactory; may degrade after 4 hours continuous immersion  
C: Poor to Dangerous Choice for other than short term immersion  
**NOTE:** As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -  
\* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Ansell Glove Selection

| Glove — In order of recommendation |
|------------------------------------|
| AlphaTec 02-100                    |
| AlphaTec® 15-554                   |
| AlphaTec® Solvex® 37-185           |
| AlphaTec® 53-001                   |
| AlphaTec® 58-005                   |
| BioClean™ Ultimate BUPS            |
| MICROFLEX® 93-244                  |
| MICROFLEX® 93-252                  |
| MICROFLEX® 93-260                  |
| MICROFLEX® 93-843                  |

The suggested gloves for use should be confirmed with the glove supplier.

Respiratory protection

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)  
  
Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required.  
Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

| Required Minimum Protection Factor | Half-Face Respirator | Full-Face Respirator | Powered Air Respirator  |
|------------------------------------|----------------------|----------------------|-------------------------|
| up to 10 x ES                      | A-AUS P3             | -                    | A-PAPR-AUS / Class 1 P3 |
| up to 50 x ES                      | -                    | A-AUS / Class 1 P3   | -                       |
| up to 100 x ES                     | -                    | A-2 P3               | A-PAPR-2 P3 ^           |

^ - Full-face  
A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

| Appearance                                   | Colourless liquid with perfume odour; miscible with water. |                                         |                |
|----------------------------------------------|------------------------------------------------------------|-----------------------------------------|----------------|
| Physical state                               | Liquid                                                     | Relative density (Water = 1)            | 1.03           |
| Odour                                        | Not Available                                              | Partition coefficient n-octanol / water | Not Available  |
| Odour threshold                              | Not Available                                              | Auto-ignition temperature (°C)          | Not Available  |
| pH (as supplied)                             | 5.0-5.5                                                    | Decomposition temperature (°C)          | Not Available  |
| Melting point / freezing point (°C)          | Not Available                                              | Viscosity (cSt)                         | 10 cPas @ 23C  |
| Initial boiling point and boiling range (°C) | Not Available                                              | Molecular weight (g/mol)                | Not Applicable |
| Flash point (°C)                             | Not Applicable                                             | Taste                                   | Not Available  |
| Evaporation rate                             | Not Available                                              | Explosive properties                    | Not Available  |
| Flammability                                 | Not Applicable                                             | Oxidising properties                    | Not Available  |
| Upper Explosive Limit (%)                    | Not Applicable                                             | Surface Tension (dyn/cm or mN/m)        | Not Available  |
| Lower Explosive Limit (%)                    | Not Applicable                                             | Volatile Component (%vol)               | Not Available  |
| Vapour pressure (kPa)                        | Not Available                                              | Gas group                               | Not Available  |
| Solubility in water                          | Miscible                                                   | pH as a solution (1%)                   | Not Available  |

|                          |               |         |               |
|--------------------------|---------------|---------|---------------|
| Vapour density (Air = 1) | Not Available | VOC g/L | Not Available |
|--------------------------|---------------|---------|---------------|

SECTION 10 Stability and reactivity

|                                    |                                                                           |
|------------------------------------|---------------------------------------------------------------------------|
| Reactivity                         | See section 7                                                             |
| Chemical stability                 | Product is considered stable and hazardous polymerisation will not occur. |
| Possibility of hazardous reactions | See section 7                                                             |
| Conditions to avoid                | See section 7                                                             |
| Incompatible materials             | See section 7                                                             |
| Hazardous decomposition products   | See section 5                                                             |

SECTION 11 Toxicological information

Information on toxicological effects

|              |                                                                                                                                                                                                                                        |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhaled      | Not normally a hazard due to non-volatile nature of product                                                                                                                                                                            |
| Ingestion    | Considered an unlikely route of entry in commercial/industrial environments Ingestion may result in nausea, abdominal irritation, pain and diarrhoea                                                                                   |
| Skin Contact | Not considered an irritant through normal use.<br>Discontinue use if irritation occurs                                                                                                                                                 |
| Eye          | The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.                                                                        |
| Chronic      | Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course. |

|                          |                                                                                                                                                                                                                             |                                                                  |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| TORK Sensitive Foam Soap | TOXICITY                                                                                                                                                                                                                    | IRRITATION                                                       |
|                          | Not Available                                                                                                                                                                                                               | Not Available                                                    |
| glycerol                 | TOXICITY                                                                                                                                                                                                                    | IRRITATION                                                       |
|                          | Dermal (Guinea Pig) LD50: 58500 mg/kg <sup>[1]</sup>                                                                                                                                                                        | Eye: no adverse effect observed (not irritating) <sup>[1]</sup>  |
|                          | Inhalation (Rat) LC50: >5.85 mg/L4h <sup>[1]</sup>                                                                                                                                                                          | Skin: no adverse effect observed (not irritating) <sup>[1]</sup> |
|                          | Oral (Mouse) LD50; 4090 mg/kg <sup>[2]</sup>                                                                                                                                                                                |                                                                  |
| Legend:                  | 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances |                                                                  |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GLYCEROL | Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound. Main criteria for diagnosing RADS include the absence of previous airways disease in a non-atopic individual, with sudden onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. Other criteria for diagnosis of RADS include a reversible airflow pattern on lung function tests, moderate to severe bronchial hyperreactivity on methacholine challenge testing, and the lack of minimal lymphocytic inflammation, without eosinophilia. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. On the other hand, industrial bronchitis is a disorder that occurs as a result of exposure due to high concentrations of irritating substance (often particles) and is completely reversible after exposure ceases. The disorder is characterized by difficulty breathing, cough and mucus production. At very high concentrations, evidence predicts that glycerol may cause tremor, irritation of the skin, eyes, digestive tract and airway. Otherwise it is of low toxicity. There is no significant evidence to suggest that it causes cancer, genetic, reproductive or developmental toxicity. |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |   |                          |   |
|-----------------------------------|---|--------------------------|---|
| Acute Toxicity                    | ✗ | Carcinogenicity          | ✗ |
| Skin Irritation/Corrosion         | ✗ | Reproductivity           | ✗ |
| Serious Eye Damage/Irritation     | ✗ | STOT - Single Exposure   | ✗ |
| Respiratory or Skin sensitisation | ✗ | STOT - Repeated Exposure | ✗ |
| Mutagenicity                      | ✗ | Aspiration Hazard        | ✗ |

Legend: ✗ – Data either not available or does not fill the criteria for classification  
✔ – Data available to make classification

SECTION 12 Ecological information

Toxicity

|                          |                                                                                                                                                                                                                                                                           |                    |               |               |               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------|---------------|---------------|
| TORK Sensitive Foam Soap | Endpoint                                                                                                                                                                                                                                                                  | Test Duration (hr) | Species       | Value         | Source        |
|                          | Not Available                                                                                                                                                                                                                                                             | Not Available      | Not Available | Not Available | Not Available |
| glycerol                 | Endpoint                                                                                                                                                                                                                                                                  | Test Duration (hr) | Species       | Value         | Source        |
|                          | LC50                                                                                                                                                                                                                                                                      | 96h                | Fish          | >11mg/L       | 2             |
|                          | EC0(ECx)                                                                                                                                                                                                                                                                  | 24h                | Crustacea     | >500mg/l      | 1             |
| Legend:                  | Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI |                    |               |               |               |

(Japan) - Bioconcentration Data 8. Vendor Data

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|------------|-------------------------|------------------|
| glycerol   | LOW                     | LOW              |

Bioaccumulative potential

| Ingredient | Bioaccumulation      |
|------------|----------------------|
| glycerol   | LOW (LogKOW = -1.76) |

Mobility in soil

| Ingredient | Mobility           |
|------------|--------------------|
| glycerol   | HIGH (Log KOC = 1) |

SECTION 13 Disposal considerations

Waste treatment methods

|                              |                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product / Packaging disposal | <ul style="list-style-type: none"><li>▶ Recycle wherever possible or consult manufacturer for recycling options.</li><li>▶ Consult State Land Waste Management Authority for disposal.</li><li>▶ Bury residue in an authorised landfill.</li><li>▶ Recycle containers if possible, or dispose of in an authorised landfill.</li></ul> |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 14 Transport information

Labels Required

|                  |                |
|------------------|----------------|
| Marine Pollutant | NO             |
| HAZCHEM          | Not Applicable |

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

| Product name | Group         |
|--------------|---------------|
| glycerol     | Not Available |

14.7.3. Transport in bulk in accordance with the IGC Code

| Product name | Ship Type     |
|--------------|---------------|
| glycerol     | Not Available |

SECTION 15 Regulatory information

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

glycerol is found on the following regulatory lists

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 4  
Australian Inventory of Industrial Chemicals (AIIC)

Additional Regulatory Information

Not Applicable

National Inventory Status

| National Inventory                              | Status        |
|-------------------------------------------------|---------------|
| Australia - AIIC / Australia Non-Industrial Use | Yes           |
| Canada - DSL                                    | Yes           |
| Canada - NDSL                                   | No (glycerol) |
| China - IECSC                                   | Yes           |
| Europe - EINEC / ELINCS / NLP                   | Yes           |
| Japan - ENCS                                    | Yes           |
| Korea - KECI                                    | Yes           |
| New Zealand - NZIoC                             | Yes           |

| National Inventory  | Status                                                                                                                                                                                                          |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Philippines - PICCS | Yes                                                                                                                                                                                                             |
| USA - TSCA          | Yes                                                                                                                                                                                                             |
| Taiwan - TCSI       | Yes                                                                                                                                                                                                             |
| Mexico - INSQ       | Yes                                                                                                                                                                                                             |
| Vietnam - NCI       | Yes                                                                                                                                                                                                             |
| Russia - FBEPH      | Yes                                                                                                                                                                                                             |
| Legend:             | <b>Yes = All CAS declared ingredients are on the inventory</b><br><b>No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.</b> |

SECTION 16 Other information

|               |            |
|---------------|------------|
| Revision Date | 17/01/2024 |
| Initial Date  | 05/08/2021 |

SDS Version Summary

| Version | Date of Update | Sections Updated                                                                                                                                                                               |
|---------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.2     | 29/01/2024     | Identification of the substance / mixture and of the company / undertaking - Supplier Information, Identification of the substance / mixture and of the company / undertaking - Synonyms, Name |
| 5.3     | 31/01/2024     | Identification of the substance / mixture and of the company / undertaking - Supplier Information, Identification of the substance / mixture and of the company / undertaking - Synonyms       |

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

- ▶ PC – TWA: Permissible Concentration-Time Weighted Average
- ▶ PC – STEL: Permissible Concentration-Short Term Exposure Limit
- ▶ IARC: International Agency for Research on Cancer
- ▶ ACGIH: American Conference of Governmental Industrial Hygienists
- ▶ STEL: Short Term Exposure Limit
- ▶ TEEL: Temporary Emergency Exposure Limit,
- ▶ IDLH: Immediately Dangerous to Life or Health Concentrations
- ▶ ES: Exposure Standard
- ▶ OSF: Odour Safety Factor
- ▶ NOAEL: No Observed Adverse Effect Level
- ▶ LOAEL: Lowest Observed Adverse Effect Level
- ▶ TLV: Threshold Limit Value
- ▶ LOD: Limit Of Detection
- ▶ OTV: Odour Threshold Value
- ▶ BCF: BioConcentration Factors
- ▶ BEI: Biological Exposure Index
- ▶ DNEL: Derived No-Effect Level
- ▶ PNEC: Predicted no-effect concentration
  
- ▶ AIIC: Australian Inventory of Industrial Chemicals
- ▶ DSL: Domestic Substances List
- ▶ NDSL: Non-Domestic Substances List
- ▶ IECSC: Inventory of Existing Chemical Substance in China
- ▶ EINECS: European INventory of Existing Commercial chemical Substances
- ▶ ELINCS: European List of Notified Chemical Substances
- ▶ NLP: No-Longer Polymers
- ▶ ENCS: Existing and New Chemical Substances Inventory
- ▶ KECI: Korea Existing Chemicals Inventory
- ▶ NZIoC: New Zealand Inventory of Chemicals
- ▶ PICCS: Philippine Inventory of Chemicals and Chemical Substances
- ▶ TSCA: Toxic Substances Control Act
- ▶ TCSI: Taiwan Chemical Substance Inventory
- ▶ INSQ: Inventario Nacional de Sustancias Químicas
- ▶ NCI: National Chemical Inventory
- ▶ FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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TEL (+61 3) 9572 4700.