Safety data sheet

In accordance with 1907/2006 annex II and 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Amendment date 2023-06-12
Replaces SDS issued 2022-12-14
Revision date 2022-12-14
Version number 6.1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name	Tork Antimicrobial Foam Soap
Article number	520800, 520855, 920801
UFI:	YGGQ-3P24-3013-VK93

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

Identified uses	Main use category: Biocide Use of the substance/mixture: Cleansers Function or use category: Main group 1: Disinfectants - PT 1 Human hygiene
Uses that are advised against	Not indicated

1.3. Details of the supplier of the safety data sheet

Company	Essity Hygiene and Health AB (previously SCA Hygiene Products AB) SE-40503 Göteborg Sweden
Telephone	+46 (0)31 746 00 00 +44 1 582 677 400
E-mail	info@essity.com
Website	www.essity.com

1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Flam. Liq. 3, H226
Eye Irrit. 2, H319
(See section 16)

2.2. Label elements

Hazard pictogram



Signal word	Warning
Hazard statements	
H226	Flammable liquid and vapour
H319	Causes serious eye irritation
Precautionary statements	
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313	If eye irritation persists: Get medical advice/attention
P403+P235	Store in a well-ventilated place. Keep cool
P501	Dispose of contents and container to authorised waste disposal facility

2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB
Specific concentration limits:
Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Eye Dam. 1; C ≥ 10 %
Eye Irrit. 2; 5 % ≤ C < 10 %.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
ETHANOL		
CAS No: 64-17-5 EC No: 200-578-6 Index No: 603-002-00-5 REACH: 01-2119457610-43	Flam. Liq. 2, Eye Irrit. 2; H225, H319	30 - 50 %
PROPAN-2-OL		
CAS No: 67-63-0 EC No: 200-661-7 Index No: 603-117-00-0 REACH: 01-2119457558-25	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225, H319, H336	≥1 - <10 %
ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS		
CAS No: 1187742-72-8 EC No: 932-185-7	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315, H318, H412	≥1 - <5 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.
Contents according to 648/2004.
<5% Anionic surfactants.
Disinfectants.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Generally

In case of concern, or if symptoms occur, call a doctor/physician.

Upon breathing in

Fresh air and rest. If symptoms persist seek medical advice.

Upon eye contact

Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor/ophthalmologist.

Upon skin contact

If discomfort occurs, wash off with water. If skin irritation persists, consult a doctor.

Upon ingestion

First rinse the mouth thoroughly with plenty of water and SPIT OUT the rinsing water. Then drink at least half a litre of water and contact the doctor.

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

Generally

At normal use this product has no significant harmful local effects.

Upon eye contact

Splashes in eyes may cause burning pain.
Irritates the eyes.

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

Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Recommended extinguishing agents

Extinguish with powder, carbon dioxide or foam.

Unsuitable extinguishing agents

May not be extinguished with water dispersed under high pressure.

5.2. Special hazards arising from the substance or mixture

Combustible liquid, but one which is difficult to ignite.
Produces fumes containing harmful gases (carbon monoxide and carbon dioxide) when burning.
Emits flammable vapours which may form an explosive mixture with air.

5.3. Advice for firefighters

Protective measures should be taken regarding other material at the site of the fire.
In case of fire use proper breathing apparatus.
Wear full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Keep unauthorized and unprotected people at a safe distance.
Note the risk of ignition.
Switch off equipment which has an exposed flame, glows, or has a heat source of some other kind.
Note, risk for formation of sparks due to static electricity.
Switch off power at the main switch. Do not use the power switch in the room where the spillage has occurred.
Use recommended safety equipment, see section 8.
Note that there is a risk of slipping if product is leaking/spilling.
Ensure good ventilation.

6.2. Environmental precautions

Avoid release of large quantities of undiluted product to drains.

6.3. Methods and material for containment and cleaning up

Small spills can be wiped up with a cloth or similar. Then flush the spill site with water. Larger spills should first be covered with sand or earth and then be collected. Collected material should be disposed according to Section 13.
Residues left behind after cleaning shall be treated as hazardous waste. For further information, contact the local authority sanitisation works. Present this safety data sheet.

6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Store this product separately from food items and keep it out of the reach of children and pets.
Avoid open fire, hot items, sparks or other ignition sources.
Take precautionary measures against static discharge.
Avoid direct inhalation of fumes from the product. Avoid contact with eyes.
Use recommended safety equipment, see section 8.
Implement appropriate engineering controls if necessary, see Section 8.
Keep away from incompatible products.

7.2. Conditions for safe storage, including any incompatibilities

This product should be stored well out of reach of young children and kept safely apart from products intended for consumption.
The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.
Always use sealed and visibly labeled packages.
Store tightly, in original packaging.
Store in a well-ventilated space.
Store in a cool and dry place (above freezing temperature and not greater than 30°C).
Do not store close to incompatible materials (see section 10.5).

7.3. Specific end use(s)

See identified uses in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. National limit values

ETHANOL
United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 1000 ppm / 1920 mg/m^3

PROPAN-2-OL
United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 400 ppm / 999 mg/m^3
Short term exposure limit (STEL) 500 ppm / 1250 mg/m^3

TERT-BUTANOL
United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 100 ppm / 308 mg/m^3
Short term exposure limit (STEL) 150 ppm / 462 mg/m^3

GLYCEROL
United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 10 mg/m^3 (mist)

DNEL
ETHANOL

	Type of exposure	Route of exposure	Value
Worker	Acute Local	Inhalation	1900 mg/m^3
Consumer	Chronic Systemic	Inhalation	114 mg/m^3
Worker	Chronic Systemic	Dermal	343 mg/kg
Worker	Chronic Systemic	Inhalation	950 mg/m^3
Consumer	Acute Local	Inhalation	950 mg/m^3
Consumer	Acute Local	Dermal	950 mg/m^3
Consumer	Chronic Systemic	Oral	87 mg/kg
Consumer	Chronic Systemic	Dermal	206 mg/kg

PROPAN-2-OL

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	89 mg/m^3
Worker	Chronic Systemic	Dermal	888 mg/kg
Worker	Chronic Systemic	Inhalation	500 mg/m^3
Consumer	Chronic Systemic	Oral	26 mg/kg
Consumer	Chronic Systemic	Dermal	319 mg/kg

PNEC
ETHANOL

Environmental protection target	PNEC value
Fresh water	0.96 mg/l
Freshwater sediments	3.6 mg/kg
Marine water	0.79 mg/l
Marine sediments	2.9 mg/kg
Microorganisms in sewage treatment	580 mg/l
Soil (agricultural)	0.63 mg/kg
Intermittent	2.75 mg/L

PROPAN-2-OL

Environmental protection target	PNEC value
Fresh water	140.9 mg/l
Freshwater sediments	552 mg/kg
Marine water	140.9 mg/l
Marine sediments	552 mg/kg
Microorganisms in sewage treatment	2251 mg/l
Soil (agricultural)	28 mg/kg
Intermittent	140.9 mg/L

8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

8.2.1. Appropriate engineering controls

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source.
Emergency showers and eye-rinsing facilities must be available at the workplace.

Eye/face protection

Eye protection should be worn if there is any danger of direct exposure or splashing.
Use protective glasses with tight seals according to standard EN166.

Skin protection

Use suitable protective clothing.
Wear protective gloves (EN 374) upon repeated or prolonged exposure.
The most suitable protective glove should be chosen in consultation with the glove supplier, taking into account the risk assessment for the specific task and the properties of the chemicals involved. Note that the breakthrough time of the material is affected by the duration of the exposure, temperature conditions, abrasion, etcetera.
During continuous contact use gloves with a minimum breakthrough time of at least 240 minutes, preferably over 480 minutes.

Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.
The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task.
Based on the physical and chemical properties of the product, the following filter type(s) and/or filter combination(s) are recommended:.
– A.

8.2.3. Environmental exposure controls

Work with the product should take place in such a way that the product does not get into drains, waterways, soil and air.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

(a) Physical state	liquid Form: liquid
(b) Colour	colourless
(c) Odour	like alcohol
(d) Melting point/freezing point	Not indicated
(e) Boiling point or initial boiling point and boiling range	Not indicated
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	26 °C
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	When supplied, pH is: 4.7 - 6
(l) Kinematic viscosity	1 - 50 cP
(m) Solubility	Solubility in water: Soluble
(n) Partition coefficient n-octanol/water (log value)	Not indicated
(o) Vapour pressure	Not indicated
(p) Density and/or relative density	0.94 kg/L
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not indicated

9.2.2. Other safety characteristics

Not indicated

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Avoid heat, sparks and open flames.

10.5. Incompatible materials

Avoid contact with strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Ingestion of large quantities can lead to nausea and vomiting.

Acute toxicity

The product is not classified as acutely toxic.

ETHANOL

LD50 rabbit 24h: > 20000 mg/kg Dermally
LC50 rat 4h: 124.7 mg/l Inhalation
LD50 rat 10h: 38 mg/liter Inhalation
LD50 rat 10h: 2000 ppm Inhalation
LD50 rat 24h: 7060 mg/kg Orally

PROPAN-2-OL

LD50 rabbit 24h: 15800 mg/kg Dermally
LD50 rat 24h: > 12800 mg/kg Dermally
LC50 rat 4h: 72.6 mg/L Inhalation
LC50 rat 4h: 64000 ppmV Inhalation
LC50 rat 8h: 16000 ppmV Inhalation
LD50 rat 24h: 5045 mg/kg Orally

Skin corrosion/irritation

The product is not classified for skin corrosion/irritation.

Serious eye damage/irritation

Eye contact may cause burning pain or irritation.

Respiratory or skin sensitisation

The product is not classified as sensitising.

Germ cell mutagenicity

The product is not classified as mutagen.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as a reproductive toxicant.

STOT-single exposure

The product is not classified for specific organ toxicity after single exposure.

STOT-repeated exposure

The product is not classified for specific organ toxicity after repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information is available.

11.2.2. Other information

Not indicated.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The product, according to current criteria and based on available information, is considered not to be harmful to the environment.

ETHANOL

LC50 Rainbow trout (Oncorhynchus mykiss) 96h: 1 - 16 g/l
LC50 fathead minnow (Pimephales promelas) 96h: > 100 mg/l
LC50 Freshwater water flea (Daphnia magna) 48h: 12340 mg/l
EC50 Freshwater water flea (Daphnia magna) 48h: 1 - 14221 mg/l

PROPAN-2-OL

LC50 fathead minnow (Pimephales promelas) 96h: 9640 mg/L
LC50 Freshwater water flea (Daphnia magna) 48h: 2285 mg/L
EC50 Freshwater water flea (Daphnia magna) 48 h: 13299 mg/l
LC50 Fish 96h: 1000 mg/l
EC50 Freshwater water flea (Daphnia magna) 24h: 1 - 100 mg/l
EC50 Algae 24h: 1 - 10 mg/l

12.2. Persistence and degradability

No information about persistence or degradability exists but there is no reason to suppose that the product is persistent.

12.3. Bioaccumulative potential

No information exists on bioaccumulation, but there is no cause for concern in respect of this.

12.4. Mobility in soil

The product is miscible with water and is therefore variable in soil and water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

No information is available.

12.7. Other adverse effects

No known effects or hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste handling of the product

Discarded products must be disposed of as hazardous waste in accordance with regulations.
Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.
Avoid discharge into sewers.
See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

SECTION 14: TRANSPORT INFORMATION

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number or ID number

1987

14.2. UN proper shipping name

ALCOHOLS, N.O.S. (ETHANOL, PROPAN-2-OL)

14.3. Transport hazard class(es)

Class

3: Flammable liquids

Classification code (ADR/RID)

F1: Flammable liquids having a flash-point of or below 60 °C

Subsidiary risk (IMDG)

No subsidary risk according to IMDG

Labels



14.4. Packing group

Packing group III

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Tunnel restrictions

Tunnel category: D/E

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Other transport information

Transport category: 3; Maximum total quantity per transport unit: 1000 kgs or litres (ADR 1.1.3.6)
Stowage category A (IMDG)
Emergency Schedule (EmS) for FIRE (IMDG) F-E
Emergency Schedule (EmS) for SPILLAGE (IMDG) S-D
Limited quantities (LQ):.
5 L.
Excepted quantities, code E1:
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml.

SECTION 15: REGULATORY INFORMATION

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

Not indicated.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: OTHER INFORMATION

16a. Indication of where changes have been made to the previous version of the safety data sheet

Revisions of this document

Earlier versions
2022-12-14 Changes in section(s) 14.

16b. Legend to abbreviations and acronyms used in the safety data sheet

Full texts for Hazard Class and Category Code mentioned in section 3

Flam. Liq. 2	Flammable liquids, Hazard Category 2 - Flam. Liq. 2, H225 - Highly flammable liquid and vapour
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2 - Eye Irrit. 2, H319 - Causes serious eye irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Hazard Category 3, Narcosis - STOT SE 3, H336 - May cause drowsiness or dizziness
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation
Eye Dam. 1	Serious eye damage/eye irritation, Hazard Category 1 - Eye Dam. 1, H318 - Causes serious eye damage
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3 - Aquatic Chronic 3, H412 - Harmful to aquatic life with long lasting effects
Flam. Liq. 3	Flammable liquids, Hazard Category 3 - Flam. Liq. 3, H226 - Flammable liquid and vapour

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road
RID Regulations concerning the International Transport of Dangerous Goods by Rail
IMDG International Maritime Dangerous Goods Code
ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
IATA The International Air Transport Association
Tunnel restriction code: D/E; Transport by bulk or via tank: Passage forbidden through tunnels of category D and E, Other transportation means: Passage forbidden through tunnels of category E
Transport category: 3; Maximum total quantity per transport unit: 1000 kgs or litres (ADR 1.1.3.6)

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I , as updated to 2023-06-12.
Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
648/2004 REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I , where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI .

16e. List of relevant hazard statements and/or precautionary statements

Full texts for hazard statements mentioned in section 3

H225 Highly flammable liquid and vapour
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness
H315 Causes skin irritation
H318 Causes serious eye damage
H412 Harmful to aquatic life with long lasting effects

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

This product can cause injuries if not used properly. The manufacturer, the distributor or the supplier are not responsible for adverse effects if the product is not handled in accordance with its intended use.

Other relevant information

Not indicated

Editorial information

This material safety data sheet has been prepared and checked by KemRisk®, KemRisk Sweden AB, Platensgatan 8, SE-582 20 Linköping, Sweden, www.kemrisk.se