



# TORK Premium Antimicrobial Foam Cleanser

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Revision date: 4/7/2011

Version: 1.0

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

#### 1.1. Product identifier

Chemical type : Mixture  
Trade name : TORK Premium Antimicrobial Foam Cleanser

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

##### 1.2.1. Relevant identified uses

Use of the substance/preparation : Skin cleansers

##### 1.2.2. Uses advised against

No additional information provided.

#### 1.3. Details of the supplier of the safety data sheet

SCA Hygiene Products  
Southfields Road  
Dunstable  
Bedfordshire  
LU6 3EJ  
T +44 1582 677879  
Email address: [charlotte.branwhite@sca.com](mailto:charlotte.branwhite@sca.com)  
[www.sca.com](http://www.sca.com)

#### 1.4. Emergency telephone number

Emergency number : +46 31 746 07 00 (voice mail) (Outside office hours printed on the label)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

R10

Full text of R-phrases: see section 16.

#### Adverse physicochemical, human health and environmental effects

Not regarded as a health or environmental hazard under current legislation. Product does not present any health risks, when used as recommended.

#### 2.2. Label elements

##### Labelling according to Directive 67/548/EEC or 1999/45/EC

R-phrases : R10 - Flammable.  
S-phrases : S35 - This material and its container must be disposed of in a safe way.  
S46 - If swallowed, seek medical advice immediately and show this container or label.  
S51 - Use only in well-ventilated areas.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Ethanol	(CAS No.) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5	30 - 40	F; R11
MIPA Laureth Sulfate	(CAS No.) 83016-76-6 (EC no) Not applicable	1 - 5	Xi; R36/38
propan-2-ol	(CAS No.) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	< 5	F; R11 Xi; R36 R67
Citric acid	(CAS No.) 77-92-9 (EC no) 201-069-1	< 1	R36

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	(CAS No.) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5	30 - 40	Flam. Liq. 2, H225
MIPA Laureth Sulfate	(CAS No.) 83016-76-6 (EC no) Not applicable	1 - 5	Eye Irrit. 2, H319 Skin Irrit. 2, H315
propan-2-ol	(CAS No.) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	< 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Citric acid	(CAS No.) 77-92-9 (EC no) 201-069-1	< 1	Eye Irrit. 2, H319

Full text of R-, H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Move to fresh air. In case of breathing difficulties administer oxygen. If breathing is irregular or stopped, administer artificial respiration. If exposure symptoms persist, seek medical attention.
- First-aid measures after skin contact : If skin irritation persists, seek medical attention.
- First-aid measures after eye contact : Immediately rinse with plenty of water. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Drink plenty of water. Never give anything by mouth to an unconscious person. In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

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

- Symptoms/injuries after inhalation : No data available.
- Symptoms/injuries after skin contact : No data available.
- Symptoms/injuries after eye contact : No data available.
- Symptoms/injuries after ingestion : On ingestion in large quantities : nausea, vomiting.

#### 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: : Use extinguishing media appropriate for surrounding fire. Powder. Foam. Carbon dioxide (CO<sub>2</sub>).
- Unsuitable extinguishing media : No data available.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable liquid. On combustion forms: carbon oxides (CO and CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).
- Reactivity : Stable under normal conditions.

#### 5.3. Advice for firefighters

- Firefighting instructions : No data available.
- Protective equipment for firefighters : Extra personal protection: complete protective clothing including self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Protective equipment : Refer to section 8.
- Emergency procedures : Evacuate unnecessary personnel. Keep upwind.

##### 6.1.2. For emergency responders

- Protective equipment : Refer to section 8.
- Emergency procedures : Keep upwind of the spilled material and isolate exposure. Eliminate all ignition sources if safe to do so. Eliminate leaks immediately.

#### 6.2. Environmental precautions

Prevent product from entering drains.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Small spillages: wipe away or flush away with water. Large spills: Depending on the local regulations it may be disposed of as solid waste or incinerated in a suitable installation.

#### 6.4. Reference to other sections

Refer to sections 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Use only in well-ventilated areas. Avoid contact with skin and eyes. If spilled, may cause the floor to be slippery. This material can accumulate static charge by flow or agitation and can be ignited by static discharge. In order to rule out potential electrostatic discharge production, the system must be adequately grounded. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container closed when not in use. Do not re-use empty containers.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash contaminated clothing prior to re-use. Wash hands thoroughly after handling.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures: : Expiry Date: 36 months after production date.
- Storage condition(s) : Temperature shall not exceed 30 °C. . Avoid high temperatures. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Store in tightly closed, leak-proof containers.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Ethanol (64-17-5)		
Austria	MAK (mg/m³)	1900 mg/m³
Austria	MAK (ppm)	1000 ppm
Belgium	Limit value (mg/m³)	1907 mg/m³
Belgium	Limit value (ppm)	1000 ppm
France	VLE (mg/m³)	9500 mg/m³
France	VLE (ppm)	5000 ppm
France	VME (mg/m³)	1900 mg/m³
France	VME (ppm)	1000 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	960 mg/m³
Germany	TRGS 900 Occupational exposure limit value (ppm)	500 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	1000 ppm
Spain	VLA-ED (mg/m³)	1910 mg/m³
Spain	VLA-ED (ppm)	1000 ppm
Switzerland	VLE (mg/m³)	1920 mg/m³
Switzerland	VLE (ppm)	1000 ppm
Switzerland	VME (mg/m³)	960 mg/m³
Switzerland	VME (ppm)	500 ppm
The Netherlands	MAC TGG 8H (mg/m³)	260 mg/m³
The Netherlands	MAC TGG 15MIN (mg/m³)	1900 mg/m³
United Kingdom	WEL TWA (mg/m³)	1920 mg/m³
United Kingdom	WEL TWA (ppm)	1000 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	3000 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	1900 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	1000 ppm
Finland	HTP-arvo (8h) (mg/m³)	1900 mg/m³
Finland	HTP-arvo (8h) (ppm)	1000 ppm
Finland	HTP-arvo (15 min)	2500 mg/m³
Finland	HTP-arvo (15 min) (ppm)	1300 ppm
Hungary	AK-érték	1900 mg/m³
Hungary	CK-érték	7600 mg/m³
Ireland	OEL (8 hours ref) (mg/m³)	1900 mg/m³
Ireland	OEL (8 hours ref) (ppm)	1000 ppm
Poland	NDS (mg/m³)	1900 mg/m³
Sweden	nivågränsvärde (NVG) (mg/m³)	1000 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	500 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	1900 mg/m³

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<b>Ethanol (64-17-5)</b>		
Sweden	kortidsvärde (KTV) (ppm)	1000 ppm
<b>Ethanol (64-17-5)</b>		
DNEL/DMEL (Workers)		
Acute - local effects, inhalation	1900 mg/m <sup>3</sup>	
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	950 mg/m <sup>3</sup> /day	
DNEL/DMEL (General Population)		
Long-term - systemic effects, oral	87 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	114 mg/m <sup>3</sup> /day	
Long-term - systemic effects, dermal	206 mg/kg bodyweight/day	
PNEC (Water)		
Aqua (freshwater)	0.96 mg/l	
Aqua (marine water)	0.79 mg/l	
PNEC (Sediment)		
Sediment (freshwater)	3.6 mg/kg dwt	
Sediment (marine water)	2.9 mg/kg dwt	
PNEC (Soil)		
Soil	0.63 mg/kg dwt	
PNEC (oral)		
Oral (secondary poisoning)	0.72 kg/kg food	
PNEC (STP)		
Sewage treatment plant	580 mg/l	
<b>propan-2-ol (67-63-0)</b>		
Austria	MAK (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Austria	MAK (ppm)	200 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	2000 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	800 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	400 ppm
France	VLE (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
France	VLE (ppm)	400 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Germany	TRGS 900 Occupational exposure limit value (ppm)	200 ppm
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	200 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	400 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	200 ppm
Spain	VLA-EC (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	400 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	400 ppm
Switzerland	VME (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Switzerland	VME (ppm)	200 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	999 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1250 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	500 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	490 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	200 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	200 ppm
Finland	HTP-arvo (15 min)	620 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	250 ppm

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propan-2-ol (67-63-0)		
Hungary	AK-érték	500 mg/m <sup>3</sup>
Hungary	CK-érték	2000 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	400 ppm
Norway	Gjennomsnittsverdier (Takverdi) (mg/m <sup>3</sup> )	245 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (Takverdi) (ppm)	100 ppm
Poland	NDS (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>

Propan-2-ol (67-63-0)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	888 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	500 mg/m <sup>3</sup> /day
DNEL/DMEL (General Population)	
Long-term - systemic effects, oral	26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	89 mg/m <sup>3</sup> /day
Long-term - systemic effects, dermal	319 mg/kg bodyweight/day
PNEC (Water)	
Aqua (freshwater)	140.9 mg/l
Aqua (marine water)	140.9 mg/l
PNEC (Sediment)	
Sediment (freshwater)	552 mg/kg dwt
Sediment (marine water)	552 mg/kg dwt
PNEC (Soil)	
Soil	28 mg/kg dwt
PNEC (oral)	
Oral (secondary poisoning)	160 kg/kg food
PNEC (STP)	
Sewage treatment plant	2251 mg/l

Citric acid (77-92-9)	
PNEC (Water)	
PNEC aqua (freshwater)	0.44 mg/l
PNEC aqua (marine water)	0.44 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	34.6 mg/kg dwt
PNEC sediment (marine water)	3.46 mg/kg dwt
PNEC (Soil)	
PNEC soil	33.1 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l

### 8.2. Exposure controls

Appropriate engineering controls : not applicable.  
 Personal protective equipment : Insufficient ventilation: wear respiratory protection. Protective goggles. Gloves.



Hand protection : Protective gloves made of PVC.  
 Eye protection : Chemical goggles or face shield.  
 Respiratory protection : Wear approved mask. Approved organic vapour respirator.  
 Environmental exposure controls : not applicable.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Colour	: colourless to yellow.
Odour	: alcohol odour.
Odour threshold	: No data available
pH	: ~ 5.5
Melting point	: No data available
Solidification point	: No data available
Boiling point	: No data available
Flash point	: 28 °C
Relat. evapor. rate comp. to butylacetate	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: ~ 0.935 g/cm <sup>3</sup>
Solubility	: Soluble in water.
Log Pow	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

Other properties : Flammable liquid. Foam.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

Do not expose to heat.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified – No data available

<b>propan-2-ol (67-63-0)</b>	
LC50 inhalation rat (ppm)	> 10000 ppm
<b>Ethanol (64-17-5)</b>	
LD50 oral rat	10470 mg/kg
LD50 inhalation rat	117 – 125 mg/l
<b>Citric acid (77-92-9)</b>	
LD50 oral rat	5400 mg/kg
LD50 dermal rat	> 2000 mg/kg

Irritation	: Not irritating pH: ~ 5.5
Corrosivity	: Not classified – No data available pH: ~ 5.5
Sensitisation	: Not classified – No data available

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Repeated dose toxicity	: Not classified – No data available
Carcinogenicity	: Not classified – No data available
Mutagenicity	: Not classified – No data available
Reproductive toxicity	: Not classified – No data available
Remarks	: Not classified as hazardous based on the conventional method of Directive 99/45/EC

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Ecological problems are not known or expected under normal use.

<b>propan-2-ol (67-63-0)</b>	
LC50 Daphnia	> 10000 mg/l 24 hours
<b>Ethanol (64-17-5)</b>	
LC50 Fish	> 14200 mg/l 96 hours
LC50 Daphnia	5012 mg/l 48 hours
EC50 Daphnia	454 mg/l 9 days
NOEC (acute) Daphnia	9.6 mg/l 9 days
ErC50 (algae)	275 mg/l
ErC50 (other aquatic plants)	4432 mg/l
<b>Citric acid (77-92-9)</b>	
LC50 Fish	> 440 mg/l 48 hours
EC50 Daphnia	1535 mg/l 24 hours

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

<b>TORK Premium Antimicrobial Foam Cleanser</b>
This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste)	: Dispose of contents/container to comply with applicable local, national and international regulations.
Additional information	: Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

### SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

#### 14.1. UN number

UN-No. : 1170

#### 14.2. UN proper shipping name

Proper shipping name	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport document description	: UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, (D/E)

#### 14.3. Transport hazard class(es)

Class (UN)	: 3
Hazard labels (UN)	: 3



#### 14.4. Packing group

Packing group (UN) : III

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### 14.5. Environmental hazards

Other information : No supplementary information available.

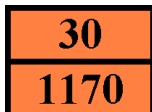
### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Hazard identification number (Kemler No.) : 30

Classification code : F1

Orange plates :



Tunnel restriction code : D/E

Limited quantities (ADR) : LQ07

Excepted quantities (ADR) : E1

EAC code : •2Y

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No ingredients included in the REACH Candidate list

#### 15.1.2. National regulations

Water hazard class (WGK) : nwg - non-hazardous to water

WGK remark : No water pollutant (Classification based on the R-phrases in compliance with Verwaltungsvorschrift wassergefährdender)

Storage class (LGK) : LGK 3A - Flammable liquid materials (Flashpoint < 55 °C)

VbF class : A II - Liquids with a flashpoint between 21 °C and 55 °C

### 15.2. Chemical safety assessment

CSA has not been carried out.

## SECTION 16: Other information

Sources of Key data : MSDS.

Abbreviations and acronyms : ACGIH (American Conference of Government Industrial Hygienists). ASTM - American Society for Testing and Materials . CAS - Chemical Abstracts Service. CLP - Classification, Labelling and Packaging. CSR - Chemical Safety Report. EC - European Community. EEC - European Economic Community. GHS - Globally Harmonised System. HCS - Hazard Communication Standard. MSDS - Material Safety Data Sheet. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. Overland transport (ADR). SDS - Safety Data Sheet . PVC (Polyvinyl chloride).

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Flam. Liq. 3 H226

Full text of R-, H- and EUH-phrases:

Eye Irrit. 2	Serious Eye Damage/Irritation Category 2
Flam. Liq. 2	flammable liquids Category 2
Skin Irrit. 2	skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
R10	Flammable.
R11	Highly flammable.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R67	Vapours may cause drowsiness and dizziness.



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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*