

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : TORK Premium Hand Sanitizer Alcohol Gel

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Skin cleansers  
Disinfectant

##### 1.2.2. Uses advised against

No additional information available

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

SCA Hygiene Products  
Southfields Road  
Dunstable - United Kingdom  
T +441582677879  
[charlotte.branwhite@sca.com](mailto:charlotte.branwhite@sca.com) - [www.sca.com](http://www.sca.com)

#### 1.4. Emergency telephone number

Emergency number : +46317460000  
(business hours)

### SECTION 2: Hazards identification

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

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

Flam. Liq. 2 H225

Full text of H-phrases: see section 16

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

F; R11

Full text of R-phrases: see section 16

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

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Danger  
Hazard statements (CLP) : H225 - Highly flammable liquid and vapour  
Precautionary statements (CLP) : P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting/... equipment  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P370+P378 - In case of fire: Use ... for extinction

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

# TORK Premium Hand Sanitizer Alcohol Gel

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according to Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Ethanol substance with national workplace exposure limit(s) (AT, BE, CZ, DE, DK, ES, FI, FR, GB, HU, IE, IT, LT, PL, PT, SK)	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH-no) 01-2119457610-43	65	F; R11
propan-2-ol	(CAS No) 67-63-0 (EC no) 200-661-7 (REACH-no) 01-211947558-25-XXXX	5	F; R11 Xi; R36 R67

  

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propan-2-ol	(CAS No) 67-63-0 (EC no) 200-661-7 (REACH-no) 01-211947558-25-XXXX	5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Do not give an unconscious person anything to drink.
First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist call a doctor.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Do not induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

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

Symptoms/injuries	: Exposure to organic solvent vapours may result in adverse health effects such as headache, nausea, dizziness.
Symptoms/injuries after inhalation	: Dizziness, headaches, nausea.
Symptoms/injuries after skin contact	: None known.
Symptoms/injuries after eye contact	: Irritating to eyes.
Symptoms/injuries after ingestion	: Ingestion may cause nausea and vomiting.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO <sub>2</sub> ). Powder. Water spray. Alcohol resistant foam.
Unsuitable extinguishing media	: None known.

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

Fire hazard	: Flammable liquid. Vapours are heavier than air, spread along floors and form explosive mixtures with air.
Explosion hazard	: None known.
Hazardous decomposition products in case of fire	: May release flammable gases.

### 5.3. Advice for firefighters

Precautionary measures fire	: Use extinguishing media appropriate for surrounding fire.
Firefighting instructions	: Fight fire with normal precautions from a reasonable distance. Cool down the cylinders exposed to heat with a water spray.
Protective equipment for firefighters	: Wear a 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	: In case of fire: Wear self-contained breathing apparatus.
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Emergency procedures : When leaks or spills occur, only properly protected personnel should remain in the area. Exclude sources of ignition and ventilate the area.

### 6.1.2. For emergency responders

Protective equipment : Self contained breathing apparatus. Wear suitable protective clothing, gloves and eye/face protection.

Emergency procedures : Dilute with plenty of water. Do not allow uncontrolled discharge of product into the environment. Evacuate unnecessary personnel.

### 6.2. Environmental precautions

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Avoid discharge to the environment.

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

For containment : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Methods for cleaning up : Dilute with plenty of water. Take up liquid spill into inert absorbent material. Contain and dispose of waste according to local regulations.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : In use, may form flammable vapour-air mixture. Heavier than air, vapours may travel long distances along ground, ignite and flash back to source. Empty containers may contain product residues that can ignite with explosive force.

Precautions for safe handling : Provide local exhaust or general room ventilation to minimize vapour concentrations. Prevent formation of aerosol. Use only antistatically equipped (spark-free) tools. Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take care for general good hygiene and housekeeping.

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

Technical measures : Keep away from sources of ignition - No smoking. Containers which are opened should be properly resealed and kept upright to prevent leakage. Provide adequate ventilation.

Storage conditions : Keep container tightly closed in a cool, well-ventilated place. Protect against direct sunlight.

Incompatible materials : Oxidizing agents.

Maximum storage period : 36 months after production date (see package)

Storage temperature : < 30 °C

Heat and ignition sources : Remove all sources of ignition. Store away from excessive heat.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

propan-2-ol (67-63-0)		
EU	IOELV TWA (mg/m <sup>3</sup> )	999 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	400 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	1250 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	500 ppm

Ethanol (64-17-5)		
Austria	MAK (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Austria	MAK (ppm)	1000 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	3800 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	2000 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	1907 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	1000 ppm
France	VLE (mg/m <sup>3</sup> )	9500 mg/m <sup>3</sup>
France	VLE (ppm)	5000 ppm
France	VME (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
France	VME (ppm)	1000 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	960 mg/m <sup>3</sup>
Germany	TRGS 900 Occupational exposure limit value (ppm)	500 ppm
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1884 mg/m <sup>3</sup>

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Ethanol (64-17-5)		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	1000 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	1910 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	1000 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	1000 ppm
Switzerland	VME (mg/m <sup>3</sup> )	960 mg/m <sup>3</sup>
Switzerland	VME (ppm)	500 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	1000 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (PEL) (ppm)	530 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	3000 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (ppm)	1590 ppm
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	1000 ppm
Denmark	Grænseværdie (kortvarig) (mg/m <sup>3</sup> )	3800 mg/m <sup>3</sup>
Denmark	Grænseværdie (kortvarig) (ppm)	2000 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	1000 ppm
Finland	HTP-arvo (15 min)	2500 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	1300 ppm
Hungary	AK-érték	1900 mg/m <sup>3</sup>
Hungary	CK-érték	7600 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	1000 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	500 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	1000 ppm
Lithuania	NRV (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Lithuania	NRV (ppm)	1000 ppm
Norway	Gjennomsnittsverdier (AN) (mg/m <sup>3</sup> )	950 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (AN) (ppm)	500 ppm
Poland	NDS (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	960 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	500 ppm
Slovakia	Upozornenie (SK)	krátkodobý kategória II.
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	1880 mg/m <sup>3</sup>
Canada (Quebec)	VEMP (ppm)	1000 ppm
Australia	TWA (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
Australia	TWA (ppm)	1000 ppm

### 8.2. Exposure controls

Appropriate engineering controls : Wash hands before breaks and after work. Mechanical ventilation is recommended.

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Personal protective equipment : In case of splash hazard: safety glasses.



Hand protection : Not required for normal conditions of use.  
Eye protection : Use splash goggles when eye contact due to splashing is possible.  
Skin and body protection : Not necessary under the recommended storage and handling conditions.  
Respiratory protection : The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation.

### SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : Gel.  
Colour : colourless.  
odour : alcohol odour.  
Odour threshold : No data available  
pH : 5,5 20 °C  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : 9 °C Abel-Pensky (determined undiluted)  
Self ignition temperature : Not self igniting  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Density : 0,87 g/cm<sup>3</sup> 20 °C  
Solubility : Soluble in: Water.  
Log Pow : No data available  
Log Kow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : 11500 cP  
Explosive properties : Not explosive. However, formation of explosive air/vapour mixtures are possible.  
Oxidising properties : not oxidizing.  
Explosive limits : No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No polymerization. Vapours may form explosive mixture with air.

#### 10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

#### 10.5. Incompatible materials

Oxidizing agents.

#### 10.6. Hazardous decomposition products

None known. On burning: release of (highly) toxic gases/vapours.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

propan-2-ol (67-63-0)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg (OECD 401)
LC50 inhalation rat (mg/l)	> 124,7 mg/l/4h (OECD 403)
ATE (oral)	10470,000 mg/kg bodyweight

Skin corrosion/irritation : Not classified  
pH: 5,5 20 °C

Serious eye damage/irritation : Not classified  
pH: 5,5 20 °C

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

propan-2-ol (67-63-0)	
LC50 fishes 1	> 100 mg/l 48 hours
EC50 Daphnia 1	> 100 mg/l 48 hours
EC50 Daphnia 2	> 100 72 hours

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

propan-2-ol (67-63-0)	
Log Pow	0,05

#### 12.4. Mobility in soil

No additional information available

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

Component	
propan-2-ol (67-63-0)	This substance/mixture does not meet the PBT criteria of REACH, annex XIII. This substance/mixture does not meet the 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) : Disposal must be done according to official regulations.

Waste treatment methods : Do not discharge into surface water. collect and dissolve with water.

Sewage disposal recommendations : Prevent entry to sewers and public waters.

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### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No : 1170  
UN-No.(IATA) : 1170  
UN-No. (IMDG) : 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, II, (D/E)

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

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



#### 14.4. Packing group

Packing group (UN) : II  
Packing group (IMDG) : III

#### 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.) : 33  
Classification code (UN) : F1  
Orange plates :



Special provision (ADR) : 144, 601  
Transport category (ADR) : 2  
Tunnel restriction code : D/E  
Limited quantities (ADR) : 1L  
Excepted quantities (ADR) : E2  
EAC code : •2YE

##### 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 REACH Annex XVII restrictions  
Contains no REACH candidate substance

##### 15.1.2. National regulations

Regional legislation : In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.

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### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the substance or the mixture by the supplier

### SECTION 16: Other information

Sources of Key data : Data arise from reference works and literature.  
Other information : It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product. 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.

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

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	flammable liquids Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
R11	Highly flammable
R36	Irritating to eyes
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
Xi	Irritant

SDS EU (REACH Annex II)

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