



Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)

Printed 15.01.2010

Revision 15.01.2010 (GB) Version 1.4

TORK Premium Hand Sanitizer Alcohol Gel

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	TORK Premium Hand Sanitizer Alcohol Gel
Manufacturer/distributor	SCA Hygiene Products AB Bäckstensgatan 5, Mölndal, SE-40503 Göteborg Phone +46 (0)31 746 00 00 Internet :www.sca-tork.com
Advice	see chapter 16
Emergency advice	Phone +46(0)31 746 00 00 This number is only available at office times.
Recommended intended purpose(s)	Skin cleansers
Effect of the substance / the formulation	hand disinfection

2. HAZARDS IDENTIFICATION

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

F; R11

R-phrases

11 Highly flammable.

Information pertaining to special dangers for human and environment

In the case of insufficient ventilation and/or through the formation of a explosive/highly flammable mixture is possible.

Information pertaining to special dangers for human and environment

In extensive use, formation of flammable / explosive vapour-air mixture is possible.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description

Aqueous solution.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
67-63-0	200-661-7	propan-2-ol	5	F R11; Xi R36; R67
64-17-5	200-578-6	ethanol	65	F R11

4. FIRST AID MEASURES

In case of inhalation

In the event of symptoms refer for medical treatment.

In case of skin contact

Consult a doctor if skin irritation occurs.



In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water (at least 15 minutes) and seek medical advice.

In case of ingestion

Consult physician in the event of continuous problems

Give plenty of water to drink in small sips.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire gas of organic material has to be classed invariably as respiratory poison.

May lead to formation of explosive/easily ignitable vapour air mixtures.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

Pay attention to extension of gas especially at ground (heavier than air) and in direction of the wind.

Environmental precautions

Collect contaminated water / firefighting water separately.

Do not discharge into the drains/surface waters/groundwater.

Suppress gases/vapours/mists with water spray jet

Methods for cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

After taking up the material dispose according to regulation.

7. HANDLING AND STORAGE

Advice on safe handling

Provide good room ventilation even at ground level (vapours are heavier than air).

Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

The heavy vapours may bridge a long distance to source of ignition.

Take precautionary measures against static discharges.

Requirements for storage rooms and vessels

Keep in closed original container.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Protect from heat and direct solar radiation.



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Do not keep at temperatures above 30°C.

Information on storage stability

Expiry date: 36 months after production date (see package).

Recommendation(s) for intended use

For hand disinfection: use 3 ml of the product, distributed in and between the fingers, hands, back and palm and around the wrists.

Rub until the skin is completely dry during a contact time of at least 30 seconds. For maximum effect, a repeat of the procedure is recommended (2x3 ml of the product and 2x30 seconds of contact time. See p. 16).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

For good space ventilation provide, if necessary exhaust on the job.

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Spitzenb.	Remark
64-17-5	ethanol	8 hours	1920	1000		EH40/2005
67-63-0	propan-2-ol	8 hours	999	400		EH40/2005
		Short-term	1250	500		

Hand protection

Hand protection: not required.

Eye protection

When used correctly and under normal conditions, eye protection is not required.

Safety glasses recommended during transfer

General protective measures

Avoid contact with the eyes.

Hygiene measures

Observe general regulations concerning hygiene at work (see Chapter 15).

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid. Gel

Colour

colourless

Odour

alcoholic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 5,5	20 °C			determined undiluted
Flash point	9 °C			Abel-Pensky	
Density	ca. 0,87 g/cm3	20 °C			
Solubility in water					multimiscible
Viscosity	11500 cP				

Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

Additional information

Vapours are heavier than air.



10. STABILITY AND REACTIVITY

Conditions to avoid

Evolution of highly flammable gases/vapours.
Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.
Heating

Materials to avoid

Reactions with strong oxidising agents.

Hazardous decomposition products

With regard to possible decomposition products refer to Section 5.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	non-irritant			Tested for skin irritation (in vivo 24-hour patch test based on 22 people)

Experiences made from practice

Excessive inhalation of steam can cause headaches and feelings of dizziness.
In case of swallowing, irritations of the gastric mucous membrane, nausea, vomiting and diarrhoea may occur.

Additional information

Other hazardous properties may not be excluded.
The product is to be handled with the caution usual with chemicals.

12. ECOLOGICAL INFORMATION

General regulation

No risk of ecological problems if properly handled and used

13. DISPOSAL CONSIDERATIONS

Recommendations for the product

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.
This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

Recommendations for packaging

Disposal in accordance with local regulations.

Recommended cleansing agent

Water

General information

Disposal according to 91/692/EEC.



14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

UN 1170 ETHANOL SOLUTION, 3, II, (D/E), Classification code: F1

Transport as "limited quantity" in compliance with chapter 3.4 ADR

Marine transport IMDG

UN 1170 ETHANOL SOLUTION, 3, II

Transport as limited quantities according to 3.4 IMDG Code is possible.

Air transport ICAO/IATA-DGR

UN 1170 Ethanol solution, 3, II

15. REGULATORY INFORMATION

Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Hazardous ingredients for labeling

ethanol

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

F Highly flammable

R-phrases

11 Highly flammable.

S-phrases

16 Keep away from sources of ignition - No smoking.

2 Keep out of the reach of children.

46 If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Recommend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

Contact:

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Each user is responsible for the implementation of the national special regulations.

The product complies with criteria to standard EN1500.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 11 Highly flammable.

R 36 Irritating to eyes.

R 67 Vapours may cause drowsiness and dizziness.