

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

#### 1.1. Product identifier

##### 1.1. Product identifier

##### Product Identity

600060 Tork Hand Sanitizing Alcohol Gel

##### Alternate Names

600060 Tork Hand Sanitizing Alcohol Gel

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

##### Intended use

Hand wash to reduce bacteria on the skin.

##### Application Method

Dispense enough to spread on both hands to wrists, then rub into skin for at least 30 seconds, allow to dry.

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

##### Company Name

Essity Professional Hygiene North America

P.O. Box 2400

Neenah, WI 54957-2400

#### 1.4. Emergency telephone number

##### CHEMTREC (USA)

(800) 424-9300

##### Customer Service: Essity Professional Hygiene North America

1-866-722-8675

### SECTION 2: Hazards identification

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

Flam. Liq. 3;H226

Flammable liquid and vapor.

Eye Dam. 1;H318

Causes serious eye damage

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



H226 Flammable liquid and vapor.

H318 Serious eye damage

##### [Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P235 Keep cool.

P240 Ground / bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / light / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves / eye protection / face protection.

##### [Response]:

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

##### [Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.

##### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

#### 2.3. Other hazards

This material is combustible but will not ignite readily. Special danger of slipping by leaking/spilling product.

# 600060 Tork Hand Sanitizing Alcohol Gel

## Safety data sheet

according to OSHA Hazard Communication Standard (HCS) 2012

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Ethanol CAS Number: 0000064-17-5	50 - 75	Flam. Liq. 2;H225	[1][2]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

#### 3.2. Mixture

No additional information available

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	This form of application makes inhalation virtually impossible, but if it does occur: administer fresh air, should symptoms develop, contact a doctor.
<b>Eyes</b>	Immediately rinse eyes with plenty of water, remove contact lenses, occasionally lifting upper and lower lids, until no evidence of product remains. Obtain medical attention.
<b>Skin</b>	Although this product is not expected to be irritating, sensitizing or cause allergic reaction when used as indicated, if symptoms do arise, rinse affected area with plenty of water until no evidence of the product remains. Obtain medical attention if irritation persists.
<b>Ingestion</b>	This form of application is abnormal however if vomiting occurs, keep head below hips to prevent aspiration. Dilute mouth by rinsing with water. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

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

<b>Overview</b>	Contact with eyes may cause irritation, experienced as discomfort or pain, excessive blinking and tear production, with marked excess redness and swelling. If this product is ingested it may cause nausea. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.  Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.
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#### 4.3. Indication of any immediate medical attention and special treatment method

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

CO2, Dry Chemical, Foam

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

Hazardous decomposition: Carbon oxides  
Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
Keep cool.  
Ground / bond container and receiving equipment.  
Use explosion-proof electrical / ventilating / light / equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.

# 600060 Tork Hand Sanitizing Alcohol Gel

## Safety data sheet

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### 5.3. Advise for firefighters

Dangerous fire hazard when exposed to heat or flame. Moderate explosion hazard when exposed to heat or flame.

Use breathing apparatus with independent air supply. Fire-fighting operations, rescue and clearing work under effect of combustion and smolder gases just may be done with breathing apparatus.

Cool endangered containers with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

ERG Guide No. 127

## SECTION 6: Accidental release measure

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

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Collect in flammable waste container for disposal.

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

Ensure adequate ventilation. Use personal protective clothing. The spill area will be slippery, absorb vermiculite, fuller earth or sand. Prevent liquid from entering sewers or waterways.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

The requirements of the Flammable Liquids and Liquefied Petroleum Gases Regulations apply if the flashpoint is between 21°C and 32°C. See section 2 for further details. - [Prevention]:

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

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: Strong oxidizing agents, strong bases

Keep container in a tightly closed container, away from heat and sunlight. Storage temperature range 20-30 °C.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000064-17-5	Ethanol	OSHA	TWA 1000 ppm (1900 mg/m3)
		ACGIH	STEL: 1000 ppm Revised 2009,
		NIOSH	TWA 1000 ppm (1900 mg/m3)
		Supplier	No Established Limit

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
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# 600060 Tork Hand Sanitizing Alcohol Gel

## Safety data sheet

according to OSHA Hazard Communication Standard (HCS) 2012

0000064-17-5	Ethanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Exposure control

<b>Respiratory</b>	Not normally required.
<b>Eyes</b>	When used correctly, and under normal conditions, eye protection is not required. Safety glasses recommended during transfer.
<b>Skin</b>	Not normally required.
<b>Engineering Controls</b>	Local: Not required
<b>Other Work Practices</b>	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear Gel/ Liquid
<b>Odor</b>	Alcohol Odor
<b>Odor threshold</b>	Not Measured
<b>pH</b>	6.5 - 7.5 @ 25C
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	> 60C
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> 2.5 vol% <b>Upper Explosive Limit:</b> 13.5 vol%
<b>Vapor pressure (Pa)</b>	169.3 hPa at 25C
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	0.89 – 0.91 @ 25C
<b>Solubility in Water</b>	Soluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	363C
<b>Decomposition temperature</b>	Not Measured

### 9.2. Other information

No other relevant information.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5. Incompatible materials

# 600060 Tork Hand Sanitizing Alcohol Gel

## Safety data sheet

according to OSHA Hazard Communication Standard (HCS) 2012

Strong oxidizing agents, strong bases.

### 10.6. Hazardous decomposition products

Carbon oxides

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Ethanol - (64-17-5)	7,060, Rat - Category: NA	20,000, Rabbit - Category: NA	124.70, Rat - Category: NA	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

# 600060 Tork Hand Sanitizing Alcohol Gel

## Safety data sheet

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Toxic to aquatic life

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Ethanol - (64-17-5)	42.00, Oncorhynchus mykiss	2.00, Daphnia magna	17.921 (96 hr), Ulva pertusa

#### 12.2. Persistence and degradability

There is no data available on the preparation itself.

#### 12.3. Bioaccumulative potential

Not Measured

#### 12.4. Mobility in soil

No data available.

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

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No data available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Destroy by liquid incineration. Use absorbent material and deposit in toxic landfill in accordance with local, state, and federal regulations.

### SECTION 14: Transport information

Transport as limited quantities is not regulated.

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1170	UN1170	UN1170
14.2. UN proper shipping name	UN1170, Ethanol solutions, 3, II	Ethanol solutions	Ethanol solutions
14.3. Transport hazard class(es)	DOT Hazard Class: 3 DOT Label: 3	IMDG:	3
14.4. Packing group	II	II	II
14.5. Environmental hazards	IMDG Marine Pollutant: No		
14.6. Special precautions for user	No further information		

### SECTION 15: Regulatory information

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

# 600060 Tork Hand Sanitizing Alcohol Gel

## Safety data sheet

according to OSHA Hazard Communication Standard (HCS) 2012

### Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

### Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

### WHMIS Classification

B2 D2

### US EPA Tier II Hazards

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

### EPCRA 311/312 Chemicals and RQs:

(To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.)

### EPCRA 302 Extremely Hazardous :

(To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.)

### EPCRA 313 Toxic Chemicals:

(To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.)

### Proposition 65 - Carcinogens (>0.0%):

(To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.)

### Proposition 65 - Developmental Toxins (>0.0%):

(To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.)

### Proposition 65 - Female Repro Toxins (>0.0%):

(To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.)

### Proposition 65 - Male Repro Toxins (>0.0%):

(To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.)

### N.J. RTK Substances (>1%):

Ethanol

### Penn RTK Substances (>1%):

Ethanol

## SECTION 16: Other

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H318 Serious eye damage

**Product Sales Information:** 1-866-722-8675

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their own use. In no event shall Essity Professional Hygiene North America be liable for any claims, losses, or damages of any third party or for loss of profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Essity Professional Hygiene North America has been advised of the possibility of such damages.

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