



400216 Tork Hand Sanitizer Alcohol Foam



Safety Data Sheet

according to OSHA Hazard Communication Standard (HCS) 2015
Date of issue: 03/26/2015 Revision date:

Version: 0

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

1.1. Product identifier

1.1. Product identifier

Product Identity	400216 Tork Hand Sanitizer Alcohol Foam
Alternate Names	400216 Tork Hand Sanitizer Alcohol Foam

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

Intended use	A topical antiseptic solution for hands that is effective in destroying certain bacteria.
Application Method	Apply 2 - 3 ml. to clean, dry hands. Rub thoroughly onto hands and allow to dry.

1.3. Details of the supplier of the safety data sheet

Company Name	SCA Tissue North American P.O. Box 2400 Neenah, WI 54957-2400
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1.4. Emergency telephone number

CHEMTREC (USA)	(800) 424-9300
Customer Service: SCA Tissue North American	1-866-SCA-TORK (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 Causes serious eye damage.

Danger

[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.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- 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

No additional information available

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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]
Propanol CAS Number: 0000071-23-8	1.0 - 10	Flam. Liq. 2;H225 Eye Dam. 1;H318 STOT SE 3;H336	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[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

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	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.
Skin	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.
Ingestion	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

Overview	Health Hazards: May cause eye irritation. If ingested may cause stomach distress. Signs/systems of Overexposure: 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. Medical conditions aggravated by exposure: A preexisting skin condition may be aggravated. 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.
Eyes	Causes serious eye damage.

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

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Alcohol-resistant foam, dry fire-extinguish substance, or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon dioxide, carbon monoxide, Acrylic monomer

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.

5.3. Advise for firefighters

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

Step should be taken in case material is released or spilled: Ensure adequate ventilation. Use personal protective clothing. The spill area will be slippery, absorb with 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

Keep container in a tightly closed container, away from heat and sunlight.

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 forklift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: Strong oxidizers

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

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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
0000071-23-8	Propanol	OSHA	TWA 200 ppm (500 mg/m3)
		ACGIH	TWA: 100 ppm Revised 2007,
		NIOSH	TWA 200 ppm (500 mg/m3) ST 250 ppm (625 mg/m3) [skin]
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
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;
0000071-23-8	Propanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure control

Respiratory	Not normally required.
Eyes	Not normally required.
Skin	Not normally required.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction
Other Work Practices	Follow label instructions
See section 2 for further details. - [Prevention]:	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear Liquid
Odor	Alcohol
Odor threshold	Not Measured
pH	5.0 - 7.5 @ 25 C
Melting point / freezing point	23 C (Tag closed cup)
Initial boiling point and boiling range	Not Measured
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	0.84 - 0.85 @ 25 C

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Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	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

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

10.5. Incompatible materials

Strong oxidizers

10.6. Hazardous decomposition products

Oxides of carbon, carbon monoxide, Acrylic monomer

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)	7,060.00, Rat - Category: NA	20,000.00, Rabbit - Category: NA	124.70, Rat - Category: NA	No data available	No data available
Propanol - (71-23-8)	8,038.00, Rat - Category: NA	4,000.00, Rabbit - Category: 5	33.80, Rat - Category: NA	No data available	20,000.00, Rat - Category: NA

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

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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

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
Propanol - (71-23-8)	4,480.00, Pimephales promelas	3,100.00, Daphnia pulex	4,480.00 (96 hr), Selenastrum capricornutum

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 vPvBt 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.

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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	Prohibited
14.2. UN proper shipping name	UN1170, Ethanol solutions, 3, II	Ethanol solutions	Prohibited
14.3. Transport hazard class(es)	DOT Hazard Class: 3 DOT Label: 3	IMDG:	Air Class: Prohibited
14.4. Packing group	II	II	Not applicable
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

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 D2B E
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

Propanol

Penn RTK Substances (>1%):

Ethanol

Propanol

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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:

H225 Highly flammable liquid and vapor.

H318 Causes serious eye damage.

H336 May cause drowsiness and dizziness

Gluten free in this product.

No animal testing on this product.

Product Sales Information: 1-886-SCA-TORK (1-866-722-8675)

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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.

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