



# 401815 & 401816 Tork Antimicrobial Hand

## Washing Foam Soap

### Safety Data Sheet



Date of issue: 04/20/2023

Revision date: N/A

Version: 0

#### SECTION 1: Identification

##### 1.1. Product identifier

**Product Name** 401815 & 401816 Tork Antimicrobial Hand Washing Foam Soap  
**Alternate Names** 401815 & 401816 Tork Antimicrobial Hand Washing Foam Soap

##### 1.2. Recommended use of the chemical and restrictions on use

**Recommended use** Antimicrobial soap for hand washing.  
**Restriction on use** Use only as directed

##### 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** 1-800-424-9300 (24-Hour)  
**Customer Service: Essity Professional Hygiene North America** 1-866-722-8675

#### SECTION 2: Hazards identification

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

**Respiratory sensitization** Category 1  
**Skin sensitization** Category 1

##### 2.2. GHS Label elements, including precautionary statements

###### Danger

###### Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause an allergic skin reaction



###### Precautionary Statements – Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
In case of inadequate ventilation wear respiratory protection  
Contaminated work clothing must not be allowed out of the workplace  
Wear protective gloves

###### Precautionary Statements – Response

Specific treatment (see supplemental first aid instructions on this label)

###### Skin

IF ON SKIN: Wash with plenty of water and soap  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

###### Inhalation

IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor

###### Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

##### 2.3. Other information

Harmful to aquatic life with long lasting effects.

###### Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

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0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable.

#### 3.2. Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Benzalkonium Chloride 0.13% w/w	8001-54-5	0 - 10	-	-
Water	7732-18-5	50 - 100	-	-
Caprylyl/Capryl Glucoside	68515-73-1	0 - 10	-	-
Laurtrimonium Chloride	112-00-5	0 - 10	-	-
Cocamidopropylamine Oxide	68155-09-9	0 - 10	-	-
Lauryl Glucoside	110615-47-9	0 - 10	-	-
Citric Acid	77-92-9	0 - 10	-	-

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical advice/attention.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	May produce an allergic reaction. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information.

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

<b>Symptoms</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	May cause sensitization in susceptible persons. Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.
<b>Hazardous Combustion Products</b>	Carbon oxides.

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### Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measure

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

### 8.2. Protection measures

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### 8.3. Personal Protective Equipment

**Engineering controls** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

## SECTION 9: Physical and chemical properties

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

**Physical state** Water-Thin Liquid  
**Appearance** Clear, Colorless to Light Yellow, Water-Thin Liquid  
**Odor** Slight Soapy  
**Color** Colorless  
**Odor Threshold** No data available

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Property	Values	Remarks Method
pH	5.2	-
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability limit	No data available	-
Lower flammability limit	No data available	-
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.999	-
Water Solubility	Miscible in water	-
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	0	-
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

### 9.2. Other information

<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Hazardous Polymerization

Hazardous polymerization does not occur.

### 10.5. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Carbon oxides.

**When used in accordance with the directions**

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### SECTION 11: Toxicological information

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

#### 11.1. Information on likely routes of exposure

##### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components).
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. May cause additional affects as listed under "Inhalation".

#### 11.2 Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. Itching. Rashes. Hives.
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#### 11.3 Numerical measures of toxicity

##### Acute toxicity

**Unknown acute toxicity.** 0 % of the mixture consists of ingredient(s) of unknown toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

##### Product Information

##### Component information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzalkonium Chloride	= 240mg/kg ( Rat )	= 1420mg/kg ( Rat )	-
Water	> 90 mL/kg ( Rat )	-	-
Caprylyl/Capryl Glucoside	-	> 2000 mg/kg ( Rabbit )	-
Laurtrimonium Chloride	= 490 mg/kg ( Rat )	-	-
Cocamidopropylamine Oxide	-	> 2174 mg/kg ( Rat )	-
Lauryl Glucoside	-	> 2000 mg/kg ( Rabbit )	-
Citric Acid	= 3 g/kg ( Rat )	> 2000 mg/kg ( Rat )	-

#### 11.4 Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	No information available
<b>Serious eye damage/eye irritation</b>	No information available
<b>Respiratory or skin sensitization</b>	May cause sensitization by inhalation. May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available
<b>Carcinogenicity</b>	No information available
<b>Reproductive toxicity</b>	No information available

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STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration hazard	No information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

#### 12.2. Ecotoxicity

Harmful to aquatic life with long lasting effects.

#### 12.3. Persistence and Degradability

No information available.

#### 12.4. Bioaccumulation

No information available.

#### 12.5. Mobility

No information available.

#### 12.6. Other adverse effects

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
California Waste Codes	331

### SECTION 14: Transport information

DOT	NOT REGULATED
Proper Shipping Name	NOT REGULATED
Hazard Class	N/A
TDG	Not applicable
MEX	Not applicable
ICAO	Not applicable
IATA	Not applicable
Proper Shipping Name	NOT REGULATED
Hazard Class	N/A
IMDG/IMO	Not applicable
Hazard Class	N/A
RID	Not applicable
ADR	Not applicable
ADN	Not applicable

### SECTION 15: Regulatory information

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

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### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer	Not applicable
The Stockholm Convention on Persistent Organic Pollutants	Not applicable
The Rotterdam Convention	Not applicable

### International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

### Legend

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances

### US Federal Regulations

SARA 313	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
SARA 311/312 Hazard Categories	Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.
CWA (Clean Water Act)	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Citric Acid 77-92-9	-	-	RQ Section number 180.950

### US State Regulations

California Proposition 65 - NONE	This product does not contain any Proposition 65 chemicals.
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### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know

## SECTION 16: Other information

NFPA	Health hazards 2	Flammability 0	Instability 0	Physical and Chemical Properties - N/A
HMIS	Health hazards 2	Flammability 0	Physical hazards 0	Personal Protection X

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