



Issue Date: 27-Dec-2011

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Version 2

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

SDS # BE-9015-EU  
Product Code 9015  
Safety Data Sheet Number 97851  
Product Name Symmetry Non-Alcohol Foaming Hand Sanitizer

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

Recommended Use Hand Sanitizer

### 1.3. Details of the Supplier of the Safety Data Sheet

<u>Importer</u>	<u>Manufacturer</u>	<u>Supplier</u>
UK Contact Lewis Kirby, EU General Manager 25 Frances Brady Way Kingston Upon Hull HU9 3BW UK	TSGE TSGE@TSGEurope.com	Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 USA

### For further information, please contact

Contact Point Lewis Kirby, EU General Manager: +4407792782066  
Buckeye International, Inc.: 1-314-291-1900  
Email Address info@buckeyeinternational.com

### 1.4. Emergency telephone number

Emergency Telephone (24 hr) Transportation - INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)  
Medical - (International) 1-651-632-8956 (North America) 1-800-303-0441

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

*Regulation (EC) No 1272/2008*

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label Elements

Product Identifier

Signal Word

None

### 2.3. Other Hazards

No information available

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 MIXTURES

##### **Chemical nature**

This product does not contain any components which are considered to be hazardous or have established work place exposure limits.

##### **Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

### Section 4: FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a doctor if irritation persists.
<b>Skin Contact</b>	If skin irritation occurs, rinse affected area with water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Drink 2-3 large glasses of water. Do NOT induce vomiting. Call a doctor. Never give anything by mouth to an unconscious person.

#### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms** Contact may cause irritation and redness.

#### 4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

**Notes to Physician** Treat symptomatically.

### Section 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing Media

##### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### **Unsuitable Extinguishing Media**

Not determined.

#### 5.2. Special Hazards Arising from the Substance or Mixture

Combustion products may be toxic.

**Hazardous combustion products** Carbon oxides.

#### 5.3. Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

#### **Personal Precautions**

Use personal protective equipment as required. Spills may be slippery.

#### **For Emergency Responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental Precautions

See Section 12 for additional Ecological Information.

### 6.3. Methods and Material for Containment and Cleaning Up

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Clean-Up**

Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

### 6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

#### **Advice on Safe Handling**

Keep out of the reach of children.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for Safe Storage, Including any Incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use. Store at room temperature. Protect from freezing.

### 7.3. Specific End Use(s)

#### **Specific Use(s)**

Hand Sanitizer.

#### **Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

#### **Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### 8.2. Exposure Controls

#### **Engineering Controls**

Ventilation systems.

**Personal Protective Equipment**

<b>Eye/Face Protection</b>	No protective equipment is needed under normal use conditions.
<b>Hand Protection</b>	No protective equipment is needed under normal use conditions.
<b>Skin and Body Protection</b>	No protective equipment is needed under normal use conditions.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on Basic Physical and Chemical Properties**

<b>Physical state</b>	Liquid	<b>Odour</b>	Fruity Floral
<b>Appearance</b>	Clear liquid	<b>Odour Threshold</b>	Not determined
<b>Colour</b>	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	7.8 ± 0.5 (conc and use dilution)	
<b>Melting point / freezing point</b>	Not determined	
<b>Boiling point / boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	None	Tag Closed Cup
<b>Evaporation Rate</b>	1.0	(n-BuAc =1)
<b>Flammability (Solid, Gas)</b>	Liquid - Not Applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	Not applicable	
<b>Lower flammability or explosive limits</b>	Not applicable	
<b>Vapour Pressure</b>	Not determined	
<b>Vapour Density</b>	Not determined	
<b>Relative Density</b>	1.00	
<b>Water Solubility</b>	Miscible in water	
<b>Solubility(ies)</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidising Properties</b>	Not determined	

**Section 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

Not reactive under normal conditions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of Hazardous Reactions**

**Hazardous Polymerisation**

Hazardous polymerisation does not occur.

**Possibility of Hazardous Reactions**

None under normal processing.

**10.4. Conditions to Avoid**

Keep out of reach of children.

**10.5. Incompatible Materials**

Chlorine bleach.

**10.6. Hazardous Decomposition Products**

Carbon oxides.

**Section 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on Toxicological Effects**

**Acute toxicity**

**Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

- Inhalation** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- Eye Contact** Avoid contact with eyes.
- Skin Contact** Not expected to be a skin irritant during prescribed use.
- Ingestion** Do not ingest.

**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 (vapour).
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Alkyl dimethyl benzyl ammonium chloride (C12-16)	= 426 mg/kg ( Rat )		

- Skin corrosion/irritation** Not classified.
- Serious eye damage/eye irritation** Not classified.
- Sensitisation** Not classified.
- Germ cell mutagenicity** Not classified.
- Carcinogenicity** Not classified.
- Reproductive toxicity** Not classified.
- STOT - single exposure** Not classified.
- STOT - repeated exposure** Not classified.
- Aspiration hazard** Not classified.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### 12.2. Persistence and Degradability

Not determined.

### 12.3. Bioaccumulative Potential

There is no data for this product.

### 12.4. Mobility in Soil

#### **Mobility**

Not determined.

### 12.5. Results of PBT and vPvB Assessment

Not determined.

### 12.6. Other Adverse Effects

Not determined.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

#### **Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Improper disposal or reuse of this container may be dangerous and illegal.

## Section 14: TRANSPORT INFORMATION

### IMDG

14.2 Proper Shipping Name Not regulated

### RID

14.2 Proper Shipping Name Not regulated

### ADR

14.2 Proper Shipping Name Not regulated

### IATA

14.2 Proper Shipping Name Not regulated

## Section 15: REGULATORY INFORMATION

### 15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

**International Inventories**

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Alkyl dimethyl benzyl ammonium chloride (C12-16) 68424-85-1 ( 0.12 )	X	X	X	X	X	X	X	X

**Legend**

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

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**Section 16: OTHER INFORMATION**

**Full text of H-Statements referred to under section 3**

Not applicable

**Legend**

SVHC: Substances of Very High Concern for Authorisation:

**Legend**

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Classification Procedure**

Calculation method

**Issue Date:** 27-Dec-2011

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**Revision Note:** New format.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830**

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**