Safety Data Sheet

Issue Date: 27-Dec-2011 **Revision Date:** 9-Apr-2020 **Version** 3

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

1.1. Product Identifier

SDS # BE-9003-EU
Product Code 9003
Product Name Antimicrobial Foaming Handwash

Synonyms Symmetry Antimicrobial Foaming Handwash

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Hand soap

1.3. Details of the Supplier of the Safety Data Sheet

Importer
UK Contact
Lewis Kirby, EU General Manager
25 Frances Brady Way
Kingston Upon Hull
HU9 3BW UK

REACH Only Representative
TSGE
TSGE@TSGEurope.com

Supplier
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

Serious eye damage/eye irritation	Category 2 - (H319)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label Elements

Product Identifier

Signal Word
Warning

Hazard statements
H319 - Causes serious eye irritation
H412 - Harmful to aquatic life with long lasting effects
Contains Chloroxylenol May produce an allergic reaction

Precautionary Statements - EU (§28, 1272/2008)
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear eye protection/ face protection
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3. Other Hazards
No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. MIXTURES

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Monoethanolamine	Present	141-43-5	1.9	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314)	Not determined
Chloroxylenol	Present	88-04-0	0.3	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317)	Not determined

Full text of H- and EUH-phrases: see section 16
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a doctor immediately.

Skin Contact If skin irritation occurs, rinse affected area with water. Take off all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

Inhalation Remove to fresh air.

Ingestion 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. Eye contact may result in redness, pain, blurred vision, burning sensation.

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
CAUTION: Use of water spray when fighting fire may be inefficient.

5.2. Special Hazards Arising from the Substance or Mixture

Combustion products may be toxic.

Hazardous Combustion Products Carbon oxides. Oxides of sulphur.

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
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. Avoid release to the environment.

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.

7.3. Specific End Use(s)

Specific Use(s)
Hand soap.

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 .

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Monoethanolamine 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m^3 Skin	STEL: 3 ppm STEL: 7.6 mg/m^3 TWA: 1 ppm TWA: 2.5 mg/m^3 Skin	TWA: 1 ppm TWA: 2.5 mg/m^3 STEL: 3 ppm STEL: 7.6 mg/m^3	S* STEL: 3 ppm STEL: 7.5 mg/m^3 TWA: 1 ppm TWA: 2.5 mg/m^3	TWA: 0.2 ppm TWA: 0.5 mg/m^3 H*
Chemical Name	**Italy**	**Portugal**	**Netherlands**	**Finland**	**Denmark**
Monoethanolamine 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m^3 STEL: 3 ppm STEL: 7.6 mg/m^3 Skin	STEL: 3 ppm STEL: 7.6 mg/m^3 TWA: 1 ppm TWA: 2.5 mg/m^3	Skin STEL: 7.6 mg/m^3 TWA: 2.5 mg/m^3	TWA: 1 ppm TWA: 2.5 mg/m^3 STEL: 3 ppm STEL: 7.6 mg/m^3 Skin	TWA: 1 ppm TWA: 2.5 mg/m^3 Skin
Chemical Name	**Austria**	**Switzerland**	**Poland**	**Norway**	**Ireland**
Monoethanolamine 141-43-5	Skin STEL 3 ppm STEL 7.6 mg/m^3 TWA: 1 ppm TWA: 2.5 mg/m^3	STEL: 4 ppm STEL: 10 mg/m^3 TWA: 2 ppm TWA: 5 mg/m^3	STEL: 7.5 mg/m^3 TWA: 2.5 mg/m^3	TWA: 1 ppm TWA: 2.5 mg/m^3 Skin STEL: 2 ppm STEL: 5 mg/m^3	TWA: 1 ppm TWA: 2.5 mg/m^3 STEL: 3 ppm STEL: 7.6 mg/m^3 Skin

8.2. Exposure Controls

Engineering Controls Showers. Eyewash stations. Ventilation systems.

Personal Protective Equipment

Eye/Face Protection When using product, do not rub eyes.
Hand Protection No protective measures necessary during normal use conditions.
Skin and Body Protection No special protective measures are necessary under normal conditions of use.
Respiratory Protection No protective equipment is needed under normal use conditions.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical state	Liquid		
Appearance	Clear amber liquid	**Odour**	Fruity Floral
Colour	Amber	**Odour Threshold**	Not determined

Property	Values	Remarks • Method
pH	8.9 ± 0.5 (conc and use dilution)	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	None	Tag Closed Cup
Evaporation Rate	1.0	(Water = 1)
Flammability (Solid, Gas)	Liquid-Not applicable	
Flammability Limits in Air		
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	1.01	
Water Solubility	Infinite	
Solubility(ies)	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidising Properties	Not determined	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
Not reactive under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

Sensitivity to Mechanical Impact
None.
Sensitivity to Static Discharge
None.

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. Sulphur oxides.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product 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.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 12,017.00 mg/kg

ATEmix (dermal) 3,326.00 mg/kg

ATEmix (inhalation-dust/mist) 13.91 mg/L

Unknown Acute Toxicity

18 % of the mixture consists of ingredient(s) of unknown toxicity.
5.1 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
11.1 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
18 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
18 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
11.1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium lauryl sulfate	= 1288 mg/kg (Rat)	= 200 mg/kg (Rabbit)	> 3900 mg/m^3 (Rat) 1 h
Oleic Acid	= 25 g/kg (Rat)		
Ammonium laureth sulfate	= 630 mg/kg (Rat)		
Monoethanolamine	= 1720 mg/kg (Rat)	= 1000 mg/kg (Rabbit) = 1 mL/kg (Rabbit)	
Chloroxylenol	= 3830 mg/kg (Rat)		

Skin corrosion/irritation Not classified.

Serious eye damage/eye irritation Causes serious eye irritation.

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

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Monoethanolamine	15: 72 h Desmodesmus subspicatus mg/L EC50	200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 227: 96 h Pimephales promelas mg/L LC50 flow-through 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 3684: 96 h Brachydanio rerio mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static	65: 48 h Daphnia magna mg/L EC50
Chloroxylenol		1.3 - 2.1: 96 h Lepomis macrochirus mg/L LC50 static 0.13 - 1.0: 96 h Oncorhynchus mykiss mg/L LC50 static	6.7 - 9: 48 h Daphnia magna mg/L EC50 Static

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical Name	Partition Coefficient
Monoethanolamine	-1.91

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
14.5 Marine Pollutant This material may meet the definition of a marine pollutant

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

National Regulations

France

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
Monoethanolamine 141-43-5	RG 49, RG 49bis	

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

Not applicable

International Inventories

.

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Monoethanolamine 141-43-5 (1.9)	X	X	X	X	Present	X	X	Present
Chloroxylenol 88-04-0 (0.3)	X	X	X	X	Present	X	X	Present

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
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H317 - May cause an allergic skin reaction

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

Revision Date: 9-Apr-2020

Revision Note: Regulatory update.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

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