

## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

**Product identifier used on the label:** ES44 Unscented Foaming Hand Soap

**Other means of Identification:** ES44

**Recommended use of the chemical and restrictions on use:** For professional use only.

**Manufacturer/Supplier:**

Swish Maintenance Limited

**Address:**

2060 Fisher Dr.

Peterborough, On K9J 6X6

**Telephone:** 705-745-5763

**Fax:** 705-745-0220

**24 Hr. Emergency Tel. #:** Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International)

### SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the chemical:**

Eye Damage/Irritation 2B

**Label elements:**

**Signal Word:** Warning

**Hazard statement(s)**

H320 Causes eye irritation

**Precautionary statement(s)**

P264 Wash exposed areas thoroughly after handling  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P337+313 If eye irritation persists get medical advice/attention  
P501 Dispose of contents/container in accordance with local regulation

**Hazard pictogram(s)**

**Other hazards not otherwise classified:** None Known

**Unknown Acute Toxicity:** 0%

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name, Common Name & Synonyms:	CAS #	Concentration %
N-Lauroylsarcosine sodium salt	137-16-6	1-5
Amines, C10-16-alkyldimethyl, N-oxides	70592-80-2	0.5-1.5
Cocamidopropyl Betaine	70851-07-9	0.1-1
Citric Acid	77-92-9	0.1-1
Glycerin	56-81-5	<0.1
Hydrogen Peroxide	7722-84-1	<0.1
Sodium Chloride	7647-14-5	<0.1
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	<0.1
2-Methyl-4-isothiazolin-3-one	2682-20-4	<0.1
Magnesium Chloride	7786-30-3	<0.1
Magnesium Nitrate	10377-60-3	<0.1
Copper Nitrate	3251-23-8	<0.1

**\*\* If the chemical name/CAS # is "proprietary" and/or the weight % is shown as a range, this information had been withheld as a trade secret.**

### SECTION 4 - FIRST-AID MEASURES

**Description of first aid measures:**

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, call a doctor/physician.

**Most Important symptoms and effects, both acute and delayed:** Causes eye irritation.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically

### SECTION 5 - FIRE-FIGHTING MEASURES

**Extinguishing media:**

***Suitable extinguishing media:*** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

***Unsuitable extinguishing media:*** Not determined

**Special hazards arising from the substance or mixture:** None Known

**Flammability classification:** Not flammable or combustible.

**Hazardous combustion products:** Carbon oxides, oxides of phosphorus and other unidentified organic compounds.

**Special protective equipment and precautions for firefighters:**

***Protective equipment for fire-fighters:*** Firefighters should wear proper personal protective equipment

***Special fire-fighting procedures:*** Move containers from the fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Dike for water control.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Refer to protective measures listed in sections 7 and 8.

**Methods and material for containment and cleaning up:** Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

**Special spill response procedures:** In case of a transportation accident, contact Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International). If a spill/release in the US in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** No special handling advice required

**Conditions for safe storage:** Store in a suitable labeled container. Keep out of reach of children.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:					
				OSHA PEL	
Chemical Name	CAS #	TWA	STEL	PEL	STEL
N-Lauroylsarcosine sodium salt	137-16-6				
Amines, C10-16-alkyldimethyl, N-oxides	70592-80-2				
Cocamidopropyl Betaine	70851-07-9				
Citric Acid	77-92-9				
Glycerin	56-81-5				
Hydrogen Peroxide	7722-84-1	1 ppm			
Sodium Chloride	7647-14-5				
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4				
2-Methyl-4-isothiazolin-3-one	2682-20-4	1.5 mg/m <sup>3</sup>	4.5 mg/m <sup>3</sup>		
Magnesium Chloride	7786-30-3				
Magnesium Nitrate	10377-60-3				
Copper Nitrate	3251-23-8				

**Exposure controls:**

**Ventilation and engineering measures:** Not required under normal use conditions. For production facilities use only in well-ventilated areas.

**Respiratory protection:** Not required with normal use.

**Skin protection:** Not required with normal use. Prolonged skin contact may require protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective regimes.

**Eye protection:** Not required with normal use. In a work environment, if a splash is likely, chemical goggles may be used.

**Other protective equipment:** Other equipment may be required depending on workplace standards.

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear Colorless liquid

**Odor:** No fragrance added

**Odor threshold:** No applicable information available

**pH:** 6.5-7.5

**Melting/Freezing point:** No applicable information available

**Initial boiling point and boiling range:** No applicable information available

**Flash point:** No applicable information available

**Flashpoint (Method):** No applicable information available

**Evaporation rate (BuAe = 1):** Similar to water

**Flammability (solid, gas):** Not flammable

**Lower flammable limit (% by vol.):** Not Flammable

**Upper flammable limit (% by vol.):** Not Flammable

**Vapor pressure:** No applicable information available

**Vapor density:** No applicable information available

**Relative density:** ~1.006

**Solubility in water:** Soluble

**Other solubility(ies):** No applicable information available

**Partition coefficient:** No applicable information available

**Auto ignition temperature:** No applicable information available

**Decomposition temperature:** No applicable information available

**Viscosity:** No applicable information available

**Volatile organic Compounds (%VOC's):** No applicable information available

**Other physical/chemical comments:** No applicable information available

## SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical stability:** Stable

**Possibility of hazardous reactions:** No hazardous polymerization

**Conditions to avoid:** Keep out of reach of children. Avoid contact with incompatible materials.

**Incompatible materials:** Oxidizing agents. Do not mix with other chemicals or cleaners

**Hazardous decomposition products:** None known. Refer to 'Hazardous Combustion Products' in Section 5

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

**Routes of entry - Ingestion:** Do not taste or swallow

### Potential Health Effects:

**Signs and symptoms of short term (acute) exposure:**

*Symptoms:* Please see section 4 of this SDS sheet for symptoms.

**Potential Chronic Health Effects:**

**Mutagenicity:** Not expected to be mutagenic in humans.

**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects:** No applicable information available

**Sensitization to material:** No applicable information available

**Specific target organ effects:** No data available to indicate product or components will have specific target organ effects.

**Medical conditions aggravated by overexposure:** Pre-existing skin or eye disorders.

**Toxicological data:**

See the following table for individual ingredient acute toxicity data.

Chemical name	CAS #	LD <sub>50</sub>	LD <sub>50</sub>	LC <sub>50</sub>

		(Oral, rat)	(Dermal, Rabbit)	(4hr, Inhal., rat)
N-Lauroylsarcosine sodium salt	137-16-6	>5000 mg/kg		
Amines, C10-16-alkyldimethyl, N-oxides	70592-80-2	2000 mg/kg		
Cocamidopropyl Betaine	70851-07-9	>5000 mg/kg		
Citric Acid	77-92-9	5040 mg/kg		
Glycerin	56-81-5	12600 mg/kg	10,000 mg/kg	
Hydrogen Peroxide	7722-84-1	4060 mg/kg		2 g/m <sup>3</sup>
Sodium Chloride	7647-14-5	35550 mg/kg	>10,000 mg/kg	
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4			
2-Methyl-4-isothiazolin-3-one	2682-20-4			
Magnesium Chloride	7786-30-3			
Magnesium Nitrate	10377-60-3			
Copper Nitrate	3251-23-8			

\*All empty cells no applicable information available

Other important toxicological hazards: None reported.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** No applicable information available.

**Persistence and degradability:** No applicable information available

**Bioaccumulation potential:** No applicable information available.

**Mobility in soil:** No applicable information available.

**Other Adverse Environmental effects:** No applicable information available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Methods of disposal:** Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

## SECTION 14 - TRANSPORTATION INFORMATION

**Special Shipping Information:** Keep from freezing.

**T.D.G. Classification:** Not regulated.

**D.O.T. Classification:** Not regulated.

## SECTION 15 - REGULATORY INFORMATION

**TSCA information:** All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

**Canadian Environmental Protection Act (CEPA) information:** All ingredients listed appear on the Domestic Substances List (DSL).

## SECTION 16 - OTHER INFORMATION

**Legend:**

**ACGIH:** American Conference of Governmental Industrial Hygienists

**CAS:** Chemical Abstract Services  
**CFR:** Code of Federal Regulations  
**EPA:** Environmental Protection Agency  
**IARC:** International Agency for Research on Cancer  
**LC:** Lethal Concentration  
**LD:** Lethal Dose  
**NTP:** National Toxicology Program  
**OSHA:** Occupational Safety and Health Administration  
**PEL:** Permissible exposure limit  
**RCRA:** Resource Conservation and Recovery Act  
**SDS:** Safety Data Sheet  
**STEL:** Short Term Exposure Limit  
**TWA:** Time Weighted Average

**Prepared By:** Charlotte Technical Services Group

Tel: (705) 740 2880

#### **DISCLAIMER**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of GHS. No warranty, expressed or implied, is made and the supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

**END OF DOCUMENT**