

SAFETY DATA SHEET**SECTION 1 - IDENTIFICATION**

Product identifier used on the label: Swish Antibac+ Solution

Other means of Identification: 4880

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: 0.152%

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name, Common Name & Synonyms:	CAS #	Concentration %
Sodium Alkyl Ethoxy Sulfate	68585-34-2	10-30
Sodium lauryl sulfate	151-21-3	1-5
Cocoamidopropyl Betaine (29%) / Glycerin (<2.3%)	61789-40-0	5-10
Fragrance		0.1-1
Ethyl Alcohol Denatured (95%) with Denatonium Benzoate (0.7g/100L)	64-17-5/3734-33-6	0.1-1
4-Chloro-3,5-dimethylphenol	88-04-0	0.1-1
Monoazoic dye	633-96-5	<0.1
Sodium Chloride	7647-14-5	0.1-1

**** 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 swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

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).

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: No special handling advice required.

Conditions for safe storage: Store in a suitable labelled 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
Sodium Alkyl Ethoxy Sulfate	68585-34-2		400ppm		400ppm
Sodium lauryl sulfate	151-21-3				
Cocoamidopropyl Betaine (29%) / Glycerin (<2.3%)	61789-40-0				
Fragrance					
Ethyl Alcohol Denatured (95%) with Denatonium Benzoate (0.7g/100L)	64-17-5/3734-33-6				
4-Chloro-3,5-dimethylphenol	88-04-0				
Monoazoic dye	633-96-5				
Sodium Chloride	7647-14-5				

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. 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 Orange Liquid

Odor: Floral

Odor threshold: No applicable information available

pH: 6-8

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): No applicable information available

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: ~1.005

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: Slightly Viscous.

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 ₅₀ (Oral, rat)	LD ₅₀ (Dermal. Rabbit)	LC ₅₀ (4hr, Inhal., rat)
Sodium Alkyl Ethoxy Sulfate	68585-34-2	10001		
Sodium lauryl sulfate	151-21-3	2000		
Cocoamidopropyl Betaine (29%) / Glycerin (<2.3%)	61789-40-0	5001	2001	
Fragrance				
Ethyl Alcohol Denatured (95%) with Denatonium Benzoate (0.7g/100L)	64-17-5/3734- 33-6	7060	20000	31623
4-Chloro-3,5-dimethylphenol	88-04-0	3830	2001	
Monoazoic dye	633-96-5	2001		
Sodium Chloride	7647-14-5	3550	10001	42001

*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

DOT: Department of Transportation

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

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 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