

SAFETY DATA SHEET

SURFACE CLEANER CONCENTRATE

SECTION 1: IDENTIFICATION

Product name: **SURFACE CLEANER CONCENTRATE**
 Product code: AG-SCS-5C
 Uses: For cleaning of HVAC surfaces
 Company Name: Aeris Environmental Ltd, 5/26-34 Dunning Ave, Rosebery, NSW 2018, Australia
 Emergency contact number: In Australia 02 83441315, from overseas +612 83441315

SECTION 3: HAZARDS IDENTIFICATION

(According to GHS Classification and Labelling of chemicals)

Eye irritation Category 2A

Pictogram



Signal word:

Warning

Hazard statement:

H319 – Causes serious eye irritation

Precautionary statements

Prevention

P264 Wash hands thoroughly after handling.
 P280 Wear eye protection.

Response

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.

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	PROPORTION (% w/w)
Benzalkonium Chloride	[68424-85-1]	1 - 7.0% w/w
Dipropylene glycol mono methyl ether	[34590-94-8]	1 - 8.0% w/w
Sodium borate decahydrate	[1303-43-4]	1 - 8.0% w/w
Edetate sodium	[64-02-8]	0.1- 3.0% w/w
Sodium nitrite	[7632-00-0]	0.05 - 1.0% w/w
Water	[7732-18-5]	To 100% w/w

SECTION 4: FIRST AID

Skin contact: Remove contaminated clothing. Rinse skin with plenty of water.

Eye contact:	Immediately wash thoroughly with plenty of water for 15 minutes, and seek immediate medical advice.
Ingestion:	Immediately rinse mouth and drink plenty of water. Do not induce vomiting. Seek medical advice if necessary.
Inhalation:	Remove from contaminated area. Move to fresh air, rest patient. If required, seek medical advice.

SECTION 5: FIRE FIGHTING MEASURES

Non-flammable. Will not support combustion.

SECTION 6: SPILLAGE ACCIDENTAL RELEASE MEASURES

Slippery when spilled.

If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Mop up the remaining material. If large quantities of this material enter the waterways, contact the Environmental Protection Authority, or your local Waste Management Authority.

SECTION 7: HANDLING AND STORAGE

Store upright in a cool, dry area, out of direct sunlight. Keep containers closed when not in use.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Avoid contact with eyes. Minimise contact with skin. Wear appropriate protective equipment such as safety goggles and gloves. Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A clear, colourless aqueous liquid
Boiling point:	100°C
Specific gravity:	0.98 – 1.05@ 25°C
Solubility in water:	Readily soluble
Reactivity in water:	Not reactive
pH Level:	8.5 – 11

SECTION 10: STABILITY AND REACTIVITY

This material is stable under normal conditions of use and non-reactive.

SECTION 11: TOXICOLOGICAL INFORMATION

The product is considered NON hazardous according to Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)]

None of the ingredients are listed in the international list of known carcinogens, mutagens, and development toxins.

The following is the oral toxicity data of the active ingredient:

Benzalkonium chloride	LD ₅₀ 400 mg/kg
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Acute toxicity

Oral LD50 rat:	Data not available
Dermal LD50 rabbit	Data not available
Inhalation LC50 rat	Data not available

Skin irritation

Acute dermal irritation (rabbit):	Data not available
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Serious eye irritation

Primary eye irritation (rabbit): Data not available

Skin sensitisation

Skin sensitization (Buehler, Guinea Pig): Data not available

Germ cell mutagenicity.

None of the ingredients are listed in the international list of known mutagen.

Carcinogenicity.

None of the ingredients are listed in the international list of known carcinogens.

Reproductive toxicity

None of the ingredients are listed in the international list of known development toxins.

Specific Target Organ Toxicity (STOT) – single exposure

No data available

Specific Target Organ Toxicity (STOT) – repeated exposure

Data not available

Aspiration hazard.

Data not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity study of this preparation is not available; the following is the ecological toxicity of the active ingredient:

Benzalkonium chloride is very toxic to fish.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed. Completely empty the package. Triple rinse with water. Dispose of package in a sanitary landfill, or by incineration, if allowed by State and local authorities. If burned, stay out of smoke.

SECTION 14: TRANSPORT INFORMATION

The product is not classified as dangerous goods.

SECTION 15: REGULATORY INFORMATION

All the ingredients are listed in the AICS (Australian Inventory of Chemical Substances), TSCA (Toxic Substance Control Act), and EINECS (European Inventory of Existing Commercial Substances) or exempted.

SECTION 16: OTHER INFORMATION

The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this MSDS. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Aeris Technologies Ltd it is the user's obligation to assure safe use of the product.

Date SDS Revision: 21 Mar 2018

END of SDS