

# SAFETY DATA SHEET

Product Name: SuperSOL Disinfectant

## Section 1 - Identification of The Material and Supplier

S & N Products Pty Ltd T/AS Super Concentrates

PO Box 30, Avalon Beach NSW 2107

Phone: (02) 9939 2722 Email: admin@superc.com.au

Trade Name: SuperSOL Concentrated Disinfectant

Other Names: N/A

Product Codes: 4015, 9014, 9015, 9016

Product Use: Domestic & commercial disinfectant

SDS Date: July 2019 Version 1.3

## Section 2 - Hazards Identification

This material is **NON HAZARDOUS** according to HEALTH CRITERIA OF SAFE WORK AUSTRALIA

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code

UN Number: None allocated

DG Class: None allocated

Subsidiary Risk(s): None allocated

Packing Group: None allocated

HAZCHEM Code: None allocated

EPG: None allocate

## Section 3 - Composition/Information on Ingredients

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Product Name: SuperSOL Disinfectant

Ingredients	CAS No	Conc, %	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
BENZALKONIUM CHLORIDE	63449-41-2	<10	not set	not set
Other non hazardous ingredients	secret	<10	not set	not set
Water	7732-18-5	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

## Section 4 - First Aid Measures

### General Information:

**Inhalation:** Move patient to a well ventilated area – seek medical advice if symptoms persist.

**Skin Contact:** Wash affected area with water.

**Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt, contact a Poisons Information Centre or a doctor.

## Section 5 - Fire Fighting Measures

**Fire and Explosion Hazards:** Non Flammable. May evolve toxic gases if strongly heated.

**Extinguishing Media:** Non Flammable. If practical, contain diluted material and prevent from entering drains and water courses.

**Fire Fighting:** No fire or explosion hazard exists.

**Flash point:** Does not burn.

**Flammability Class:** Does not burn.

## Section 6 - Accidental Release Measures

**Accidental release:** In the event of a major spill, prevent spillage from entering drains or water courses. For small amounts, dilute with water and flush to sewer.

## Section 7 - Handling and Storage

**Handling:** No value assigned for the active ingredients by Safe Work Australia. Before use read the product label and avoid eye contact.

**Storage:** Not defined as a Dangerous Goods by the Australian Code for the transport of Dangerous Goods by road and rail. No special precautions required.

## Section 8 - Exposure Controls and Personal Protection

**Exposure Standards:** No exposure standard(s) allocated.

**Biological Limits:** No biological limit allocated.

**Engineering Controls:** Ensure adequate natural ventilation.

**PPE:** Wear splash-proof goggles and PVC or rubber gloves when using large quantities.

## Section 9 - Physical and Chemical Properties:

**Physical Description & colour:** Reddish amber liquid

**Odour:** Mild pine odour.

**Boiling Point:** 100°C

**Freezing/Melting Point:** 0°C

**Volatiles:** N/A Water Component

**Vapour Pressure:** N/A

**Vapour Density:** No Data

**Specific Gravity:** app. 1.075 at 20°C

**Water Solubility:** Completely soluble in water.

**pH:** 8.5

**Volatility:** No Data

**Odour Threshold:** No Data

**Evaporation Rate:** No Data

**Auto-ignition temp:** Not applicable - does not burn.

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under recommended conditions

**Conditions to Avoid:** This product should be kept in a cool place, preferably below 30°C.

**Incompatibilities:** No particular Incompatibilities.

**Fire Decomposition:** May evolve toxic gas if heated to decomposition.

**Polymerisation:** This product will not undergo polymerisation reactions

## Section 11 - Toxicological Information

**Target Organs:** none known

**Health Hazard:** Low irritant. Low toxicity. No adverse health effects are anticipated with normal use.

**Eye:** Irritant. Contact may cause irritation, lacrimation, pain and redness.

**Inhalation:** Low irritant. Over exposure to vapour / mists may result in respiratory irritation, nausea and headache.

**Skin:** Low irritant. Prolonged may result in mild irritation.

**Ingestion:** Low toxicity. Ingestion of large quantities may result in nausea and gastrointestinal irritation.

**Toxicity Data:** BENZALKONIUM CHLORIDE LD50 (ingestion): 426mg/kg (rat). LD50 (Intraperitoneal): 100mg/kg (rat)

## Section 12 - Ecological Information

Benzalkonium chloride compounds are commonly used as disinfectants, including toxicity to microorganisms.

Benzalkonium chloride is toxic to trout above 2ppm.

## Section 13 - Disposal Considerations

**Disposal:** This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. Prevent large amounts from contaminating drains or waterways as aquatic life may be affected.

## Section 14 - Transport Information

**UN Number:** None allocated.

**Hazchem Code:** None allocated

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

## Section 15 - Regulatory Information

**AICS:** All of the significant ingredients in this formulation are compliant with NICNAS regulations.

**Poison Schedule:** A poison schedule number has not been allocated to this product using the criteria in the SUSDP.

## Section 16 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS Number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>pH</b>	relates to hydrogen ion concentration using a scale of 0 (high acid) to 14 (highly alkaline).
<b>Ppm</b>	Parts per million
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

## SAFETY DATA SHEET

**Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)**

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