

## ORCHIDS

### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **ORCHIDS ANTIBACTERIAL DETERGENT**  
Other Names: None  
Manufacturer's Product Code: ORC5, ORC20  
Product Use: Hard surface cleaning and deodorising.

#### SUPPLIER DETAILS

Company: Agar Cleaning Systems Pty. Ltd.  
Address: 12-14 Cope Street, Preston, Vic. 3072  
Telephone: 03 9480 3000 Facsimile: 03 9480 5100  
Web: [www.agar.com.au](http://www.agar.com.au)  
Agar MSDS are available from this website.  
E-mail: [admin@agar.com.au](mailto:admin@agar.com.au)

**Emergency Telephone Number: 131 126** (Aust wide)

### 2 HAZARDS IDENTIFICATION

**Not classified as hazardous according to criteria of Worksafe Australia.**

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients:

Chemical Entity:	CAS No.:	Proportion:
quaternary ammonium compounds	63449-41-2	< 10%
surfactants	non-haz	< 10%
perfume	-	< 10%
dye	-	< 10%
water	7732-18-5	to 100%

### 4 FIRST AID MEASURES

#### Poisons Information Centre: Phone 131 126

Swallowed: If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting. Give two glasses of water and seek medical help. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Eye: Immediately hold the eyes open and wash continuously for at least 10 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Seek medical advice. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin: Remove any contaminated clothing and flush area with water. Wash the skin thoroughly with soap and water. Seek medical attention in the event of irritation.

Inhaled: Remove from the source of vapour, spray or fumes. Remove patient to open space or fresh air, rest patient, keep warm and seek medical advice. Give artificial respiration if breathing stops.

### 5 FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Orchids is not combustible.

Fire Extinguishing media: Water spray or fog. Foam. Dry chemical powder. Carbon dioxide.

Fire Fighting PPE: Wear breathing apparatus and protective clothing.

Special fire-fighting procedures: None.

Unusual fire hazards: None.

Hazardous products of combustion: Thermal decomposition at temperatures above 200 deg C or in a large fire may yield toxic fumes which may cause severe eye, nose, throat and lung irritation. Use adequate ventilation.

### 6 ACCIDENTAL RELEASE MEASURES

Clean up all spills immediately. Spills may be slippery. Avoid contact with skin and eyes. Contain spill and mop up.

### 7 HANDLING AND STORAGE

Storage and Transport: Store in a cool, dry place.

Incompatibility (Materials to avoid for purposes of transport, handling and storage only): None.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: None assigned for this mixture or ingredients.

Engineering Controls: Mechanical ventilation: Not required under normal conditions.

#### Personal Protection:

Gloves - Wear rubber gloves if prolonged skin contact is anticipated.

Eye-protection - Safety glasses required if splashing is likely.

Respiratory - Not needed.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown liquid

Odour: Floral fragrance

pH = 9.5 ± 0.5

Vapour Pressure: N/K

Vapour Density: N/K

Boiling Point: 100°C

Freezing Point: < 0°C

Solubility in water: Infinitely miscible

Specific Gravity : 1

Evaporation rate: As water

% Volatile by vol: 60 – 80%

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## 10 STABILITY AND REACTIVITY

Stable.

Hazardous polymerization: None.

## 11 TOXICOLOGICAL INFORMATION

Health Effects: *Acute*:

Swallowed: May cause irritation to gastro-intestinal tract.  
Ingestion may cause abdominal cramps, vomiting and/or diarrhoea

Eye: Contact with the eyes will cause discomfort.

Skin: Repeated or prolonged contact with the skin can cause irritation.

Inhaled: Respiratory irritation may occur if large amounts of spray mist are inhaled.

Health Effects - *Chronic*: Repeated skin contact may cause dermatitis.

Toxicity data: Not available for mixture.  
Typical toxicity values for this type of product are: rat, oral LD50 > 5.0 g/kg; rabbit, dermal LD50 > 5.0 g/kg.

(Note: this data is from published information. Agar Cleaning Systems does not carry out animal tests.)

## 12 ECOLOGICAL INFORMATION

Ecotoxicity: Data for quaternary ammonium compound (50% active solution):

Biological elimination (%): 35-70

[Method: OECD 302 B]

Fish Toxicity: LC50, 1-10 mg/L

Testing Time (H): 96

Fish species: Zebra fish

Toxicity to bacteria in effluent: EC50, 17mg/L

[Method: OECD 209]

Persistence and degradability: Biodegradable

Mobility: -

Advice: -

## 13 DISPOSAL CONSIDERATIONS

For disposal, seek advice from the Environmental Protection Authority or the State waste disposal authority.

## 14 TRANSPORT INFORMATION

UN No.: - not reg	Class: -	Packg.Group: -	Hazchem: -
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## 15 REGULATORY INFORMATION

Poisons Schedule Number: Not classed as a poison.

## 16 OTHER INFORMATION

**AICS Listing:** All components of Orchids are listed on the Australian Inventory of Chemical Substances (AICS).

Date: This MSDS issued: April 24, 2006

Abbreviations: N/K = Not Known

TWA = Time Weighted average

STEL = Short term exposure limit

CAS = Chemical Abstracts Service

The information in this Data Sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Agar Cleaning Systems accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

End of MSDS.