

**SPRUCE****1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: **SPRUCE**  
Other Names: None  
Manufacturer's Product Code: SPRU5, SPRU20  
Product Use: General purpose detergent for mopping, or scrubbing all hard surfaces.

**COMPANY 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 NOHSC.**

**3 COMPOSITION / INFORMATION ON INGREDIENTS****Ingredients:**

Chemical Entity:	CAS No.:	Proportion:
surfactants	non-haz	10% - < 30%
sodium salts	non-haz	< 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 (Ph 131 126 Aust. wide). If swallowed, do NOT induce vomiting. Give a glass of water. 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 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. 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. Seek medical attention in the event of irritation.

**Inhaled:** Risk of side-effects from inhalation is considered to be low, but if effects occur, remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Call a doctor.

**5 FIRE FIGHTING MEASURES**

**Fire/Explosion Hazard:** Spruce is not combustible.

**Fire Extinguishing Media:** Water spray or fog. Foam. Dry chemical powder. Carbon Dioxide.

**Fire Fighting PPE:** Wear breathing apparatus, gloves, boots, mask and overalls.

**Special fire fighting procedures:** None.

Unusual fire hazards: None.

Hazardous products of combustion: Thermal decomposition in a large fire may yield toxic fumes.

**6 ACCIDENTAL RELEASE MEASURES**

Clean up all spills immediately. Contain spill and mop up.

If spilled on clothing, it should be removed and laundered before reuse.

**7 HANDLING AND STORAGE**

Storage and Transport: No restrictions on storage or transport.

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

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Standards: None assigned for this product.

Engineering Controls: Mechanical ventilation: Not required.

Personal Protection:

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

Eye Protection - Not normally required.

Other - Not required.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Red liquid

Odour: No odour

pH = 7 - 8 (100%)

Vapour Pressure: N/K

Vapour Density : N/K

Boiling Point : 100°C

Freezing Point: < 0°C

Solubility in water: Infinitely miscible

Specific Gravity (15°C) : 1 - 1.04

Evaporation rate : As water

% Volatile by vol: 75 - 90%

**10 STABILITY AND REACTIVITY**

Stable.

Hazardous polymerization: None.

Please turn to page 2.

# SPRUCE

## 11 TOXICOLOGICAL INFORMATION

Health Effects: *Acute* –

Swallowed: Product is irritating to the gastro-intestinal tract if swallowed.

Eye: May cause discomfort and slight irritation.

Skin: Principal exposure route. May cause de-fatting and drying of the skin if contact is prolonged.

Inhalation: No effects are expected as the only volatiles are water.

Health Effects: *Chronic* – Repeated or prolonged skin contact may cause redness or dermatitis.

Toxicity Data: Not available for mixture.

## 12 ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence and degradability: Readily biodegradable and phosphate-free.

Mobility: -

Advice: -

## 13 DISPOSAL CONSIDERATIONS

Minor quantities can be disposed of to the sewer with plenty of water.

## 14 TRANSPORT INFORMATION

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

Poisons Schedule Number: Not classed as a poison.

## 16 OTHER INFORMATION

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

Date: This MSDS issued: February 19, 2009

Abbreviations: N/K = Not Known

TWA = Time Weighted average

STEL = Short term exposure limit

CAS = Chemical Abstracts Service

N/A = Not applicable

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.