

## What is Spruce?

SPRUCE is an all-purpose cleaner that rapidly penetrates and removes light to medium soil loads from all washable hard surfaces and floors. It is a water-based detergent that as been formulated to produce the lowest possible impacts on both people and the environment, whilst facilitating highly effective and productive cleaning.

**Awarded Good  
Environmental Choice  
Licence!**

### Key Benefits

- ✓ Mild detergent which cleans all types of washable floors and hard surfaces effectively
- ✓ An environmentally responsible cleaner with multiple applications, SPRUCE simplifies chemical inventories
- ✓ Hypo-allergenic\* and promotes good indoor air quality
- ✓ Safe to use and colour-coded for easy identification

## Environmental Care



SPRUCE has been made from ingredients that have been chosen to give the following properties:

- ✓ Biodegradable surfactants
- ✓ Phosphate-free
- ✓ pH-neutral
- ✓ Non-flammable

SPRUCE contains:

- ★ Surfactants that are derived from naturally renewable, regrowable resources (such as coconut oil, starch and sugar) together with sodium citrate (formed from natural citric acid and baking soda).
- ★ Food-grade, edible red dye.
- ★ Very low VOC's (volatile organic compounds) that can cause poor air quality, air pollution and potential allergic reactions in some individuals.
- ★ A hypo-allergenic perfume.
- ★ **NO** toxic, harmful or ecologically-suspect ingredients: no ammonia, glycol ethers, nonyl phenol ethoxylates, free caustic, chlorine, or heavy-metal sequestering agents.

See page 2 for Disposal Information.

## How Does It Work?

The surfactants in SPRUCE are classed as colloidal particles that work on a macromolecular level to remove soil. These particles reduce the surface tension of the solution, attack and encapsulate oil and dirt and separate these substances from the surface being cleaned. The oil and dirt can then be washed away easily.

### For Use On ...

SPRUCE will remove all light to medium soils and spillages including foodstuffs, drinks, fats and general traffic dirt from all

types of floors, walls, windows, toilets paintwork, laminates and other washable surfaces.

SPRUCE is recommended for use on alkali-sensitive floors such as timber, terrazzo and marble.

SPRUCE is concentrated for cost-effective cleaning.

See 'Application' below for usage guide and dilution rates.

## Technical Data

### Properties



COLOUR – Transparent red liquid

ODOUR – Sweet perfume

PH = 7 ± 0.5 (neutral)

FOAM – Medium to high foam height, suitable for mopping and autoscrubbing

## Colour Coding



Colour Code

**1**

Product identification is made easy with the Agar Colour Coding system. We have 11 different categories of product that are identified by colour and number. The product itself has this colour. Also, the colour and number are shown:

1. On the bottle label as supplied.
2. On the matching Dispenser Spray Bottle.
3. On the product chart for Colour Coded Cleaning.

This system has benefits of reducing the chance of using the wrong product, making compliance and staff training easy, showing that the correct products are being used and providing information about usage, dilution and first aid.

Product	Code Colour	Code Number	Type
SPRUCE	pink	1	All purpose and floor cleaners

SPRUCE is a Colour Code 1 (pink) product

### Health

SPRUCE is a hypo-allergenic\*, water-based cleaner that contains no allergens, no solvents and no toxic ingredients. Being free from solvents and allergens, SPRUCE will not compromise the indoor air-quality of buildings it has been used to clean.

\* Hypo-allergenic means every possible care has been taken in formulation and production to ensure the lowest possibility of allergic reactions occurring in sensitive individuals.

Concentrated SPRUCE is classified as hazardous according to the criteria of Safe Work Australia. It is irritating to the skin, causes serious eye damage and may be harmful if swallowed. **SPRUCE becomes non-hazardous when diluted to 1 in 32 (3.1%) in water.** Please refer to the Safety Data Sheet for more information.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.

## Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".

First Certified: 30 April 1996 SAI Certificate No.: QEC7358

## Application

FLOOR CLEANING:		Heavy Duty	Light Duty
<b>Mopping:</b>		1 part SPRUCE in 40 parts water. ¾ cup per wringer bucket.	1 part SPRUCE in 80 parts water. ⅓ cup per wringer bucket.
<b>Auto-scrubbing:</b>	<b>Small</b>	1L SPRUCE per tank.	½L SPRUCE per tank.
	<b>Large</b>	2L SPRUCE per tank.	1L SPRUCE per tank.
<b>WINDOW CLEANING:</b>		Use 1 part SPRUCE in 300 parts water.	
<b>SPRAY &amp; WIPE:</b>		Use 1 part SPRUCE in 15 parts water.	
<b>TOILET CLEANING:</b>		Dilute to 1 in 2 and add 100mls per toilet bowl.	

This is a guide only. Concentration should be varied according to the degree and persistence of soiling.

## Disposal Information

### 1. Used solutions -

Used solutions of SPRUCE should be poured into a drain or trough that leads to the sewer system or a septic tank. These systems have a method for treating and breaking down the waste.

Used solutions of detergent should not be poured into stormwater drains or down driveways as these drains are designed for rain water and ultimately lead to the local river system. Although SPRUCE has a low aquatic toxicity, detergents in general are not good for aquatic wildlife.

### 2. Unused product -

It is best to keep the product and use it up! If this is not possible, try to give it to someone who can use it. (Make sure the product is in its original, labelled container).

If there is no alternative but disposal, it is safe to pour modest quantities of this product down the drain (to sewer) with running water. Leave the cold tap running for a few moments afterwards as this dilutes the product and reduces the concentration in the waste water.

Remember, do not mix different cleaning products together during disposal!

3. Empty packaging –

#### Bottles and drums -

Our 5L and 20L bottles and drums are made from HDPE (polyethylene) or PET which can be recycled. You can dispose of these containers via the kerbside collection program or other recycling system.

SPRUCE containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd., significantly reducing plastic usage and waste.

#### Cardboard cartons -

Our cartons contain a minimum of 70% of recycled cardboard and/or paper. Used boxes should be flattened and recycled in OCC (old corrugated cardboard) or mixed waste paper recycling programs.

### Available in: 5L & 20L

#### Dispensing Accessories:

500ml Spray bottle – Code D01

500ml Spray bottle Spruce – Code D0SP

Trigger 500ml Bottle Plain Blue/White – Code DTR

Hand Pump for 5L Bottle (30ml/Stroke) – Code DHP30

Hand Pump for 20L Drum (30ml/stroke) – Code DHP20

Tap in Cap 5L - Code DTC5

20L Drum Tap – Code DTAP

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