

## SAFETY DATA SHEET

### Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

**Product Name:** Spruce Disinfectant

**Other Name:** NA

**Recommended Use:** Disinfectant

**Company Identification:** Integra Industries Ltd  
**Address:** 21 Glasgow St  
South Dunedin  
Ph: (03) 4556805

**Emergency Telephone Number:** IN AN EMERGENCY, DIAL 111 – FIRE or POLICE or AMBULANCE

**National Poisons Information Centre:** 0800 POISON (0800 764 766) 24 HOURS

### Section 2: HAZARD IDENTIFICATION

**Dangerous Goods:** NA

**Hazard Classifications:** NA

### Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Non-ionic surfactants	127087-87-0	<25%
Quaternary Ammonium Compounds	79728-63-5	<10%
Water	7732-18-5	>40%

### Section 4: FIRST AID MEASURES

**First Aid Measures:** Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.

**Inhalation:** NA

**Ingestion:** Do NOT induce vomiting. Rinse mouth with milk or water. Give large amounts of water or milk to drink to achieve dilution. If vomiting place victims face downward to prevent vomit entering lungs. Seek urgent medical assistance.

**Skin:** Wash area with water.

**Eye:** Flush eye(s) with copious amounts of cold or luke warm water for at least 15 minutes retracting eyelids frequently. Remove contact lenses if present. Seek medical assistance.

**Advice to Doctor:** No specific antidote. Treat symptomatically

**Section 5: FIRE FIGHTING MEASURES**

<b>Specific Hazard</b>	Non-combustible material.
<b>Suitable Extinguishing Media</b>	This product is non-combustible, if material is involved in fire use: Water fog or water spray, foam, dry agent (carbon dioxide, dry chemical powder).
<b>Fire-fighting advice</b>	Decomposes on heating emitting toxic fumes, including those of phosphorus. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk to exposure to products of decomposition.
<b>Hazchem code</b>	NA

**Section 6: ACCIDENTAL RELEASE MEASURES**

<b>Spills and Disposal:</b>	Wear appropriate protective clothing.
<b>Protective Clothing:</b>	For appropriate personal protective equipment see section 8.

**Section 7: HANDLING AND STORAGE**

<b>Handling:</b>	Keep out of reach of children.
<b>Storage:</b>	Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed.
<b>Other Information:</b>	Always read the label before use. See label for further information on handling and storage.

**Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

<b>Exposure Limits:</b>	No exposure limits have been assigned for this product by OSHA
<b>Protective Equipment:</b>	Rubber Gloves, Eye protection
<b>Engineering Controls:</b>	Use in ventilated area.
<b>Hygiene Precautions:</b>	NA

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Blue Clear Liquid
<b>Odour:</b>	Pine
<b>Density:</b>	NA
<b>Solubility in Water:</b>	Disperses in water
<b>pH:</b>	8
<b>Other Information:</b>	(SC) Suspension Concentrate

**Section 10: STABILITY AND REACTIVITY**

<b>Stability:</b>	When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.
<b>Hazardous Polymerisation:</b>	Hazardous polymerisation will not occur
<b>Materials to Avoid:</b>	NA

## Section 11: TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Swallowed</b>	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.
<b>Eye Contact</b>	Corrosive to eyes, contact can cause corneal burns. Contamination of the eyes can result in permanent injury.
<b>Skin Contact</b>	Contact with skin will result in irritation, Corrosive to skin - may cause skin burns.

## Section 12: ECOLOGICAL INFORMATION

Avoid contaminating waterways. Slightly harmful to the aquatic environment. Harmful to terrestrial vertebrates.

## Section 13: DISPOSAL INFORMATION

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste disposal contractor or after neutralising (with lime or soda ash) be disposed of in an approved waste facility. Processing, use or contamination of this product may change the waste management options. Decontaminate empty containers with a lime slurry. All labels must be removed prior to disposal in a landfill. Do not use empty containers for food storage.

## Section 14: TRANSPORT INFORMATION

<b>RAIL/ROAD:</b>	<b>UN Number:</b> NA
	<b>Proper Shipping Name:</b> NA
	<b>DG Class:</b> NA
	<b>Packing Group:</b> NA
	<b>Marine Pollutant:</b> NA
<b>SEA (IMDG Code):</b>	<b>UN Number:</b> NA
	<b>Proper Shipping Name:</b> NA
	<b>DG Class:</b> NA
	<b>Packing Group:</b> NA
	<b>Marine Pollutant:</b> NA
<b>AIR: (ICAO/IATA)</b>	<b>UN Number:</b> NA
	<b>Proper Shipping Name:</b> NA
	<b>DG Class:</b> NA
	<b>Packing Group:</b> NA
	<b>Marine Pollutant:</b> NA
<b>Other Information:</b>	NA

## Section 15: REGULATORY INFORMATION

<b>ACVM:</b>	See <a href="http://www.nzfsa.govt.nz/acvm/">www.nzfsa.govt.nz/acvm/</a> for registration conditions.
<b>ERMA:</b>	See <a href="http://www.erna.govt.nz">www.erna.govt.nz</a> for approval controls.

## Section 16: OTHER INFORMATION

This SDS was reviewed to include HSNO requirements.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.