SAFETY DATA SHEET

Product Name ***Spray it & Leave it***

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name :	**Spray it & Leave it**
Recommended Use:	outdoor cleaner, designed to eliminate moss and mould
Company Details:	Super Shine Products Ltd
Address:	64, 66 Huia Road, Otahuhu Auckland. New Zealand
Telephone Number:	+64 9 276 1591
Emergency Telephone Number:	National Poison Information 0800 764 766
Date of Preparation:	28/09/2015

2. HAZARD IDENTIFICATION

GHS Hazard Classes and Categories

Acute toxicity	Category 4
Metal Corrosion	Category 1
Skin corrosion/Irritation	Category 1B
Serious Eye Damage	Category 1
Aquatic toxicity (Chronic)	Category 2

HSNO Hazard Classification: 6.1D, 8.1A, 8.2B, 8.3A, 9.1B

Danger

Code:	**Hazard Statement**
H302	Harmful if swallowed
H290	May be corrosive to metal
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H411	Very toxic to aquatic life with long lasting effect

Prevention Statement:

- Keep out of reach of children
- Read label before use
- Keep only in the original container
- Wear protective gloves and eye/face protection
- Do not eat, drink or smoke when using this product
- Don't breath mist or vapour
- Wash hand thoroughly after handling

- Avoid release to the environment

Response Statement:

- If medical condition is needed, have product container or label at hand
- IF SWALLOWED: call a POISON CENTRE or doctor/physician if you feel unwell
- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
- IF ON SKIN: Remove/Take off immediately all contaminated clothing, rinse skin with water/shower
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do, continue rinsing
- Rinse mouth
- Immediately call a POISON CENTRE or doctor/physician
- Wash contaminated clothing before reuse
- Absorb spillage to prevent material damage
- Collect spillage

Storage

- Store locked up

Disposal

- Disposal should be through qualified contractor

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Concentration %
Non-hazardous ingredients		40-50
Benzyl alkyl ammonium chloride	68424-85-1	40-50
Polyoxyethylene nonylphenol	9016-45-9	5-10

4. FIRST AID MEASURES

Ingestion:

Immediately rinse mouth with water. If swallowed do not induce vomiting. Give water to drink. Seek immediate medical attention.

Eye Contact:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.

Skin Contact:

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. Get medical help.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Use dry chemical powder, foam, polymer foam, and water spray or fog type extinguishers. Water may be ineffective on fire. However, water spray may be used to extinguish fires and to absorb heat. Keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

Hazards from combustion products:

Not combustible. However, following evaporation of aqueous component, residual material can burn if ignited. While burning, it will emit toxic fumes including carbon monoxide and carbon dioxide.

Precautions for fire fighters and special protective equipment:

Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion as well as structural fire fighter's uniform.

Hazachem code:

None Assigned.

Flammability Conditions:

Flammable liquid. Vapour may form explosive mixtures with air above the flash point of 48 deg C. Avoid exposure to sources of ignition or open flame. Avoid using in a confined space or generating mists or vapours. May accumulate static charge by flow or agitation. Vapour is heavier than air and may collect in drains or other low areas. Electrically ground all drums, transfer vessel, hoses and piping.

Special Protective Precautions:

Fire fighters should wear a self-contained breathing apparatus and full protective clothing along with protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Emergency Precautions:

Personnel involved in the clean should wear full protective clothing. Evacuate all unnecessary personnel. Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product as it may slippery. Stop leak if safe to do so. Do not let product reach drain or waterways; advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

Methods and Materials for Containment and Clean Up:

Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Use only in a well ventilated area. Ground and bond containers when transferring materials. Use spark proof tools and explosion proof equipment. Avoid contact with eyes, skin and clothing. Empty containers retain product and residue,(liquid or vapour), and can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and open flames. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat sparks or open flames.

Storage:

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in cool, dry, well ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

The Occupational Safety and Health Service, NZ Department of Labour have set no Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) for this substance.

Biological Limit Values:

None established.

Engineering Controls:

The use of local exhaust ventilation is recommended to control process emissions near the sources. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

Eye Protection:

Always use safety glasses or a face shield when handling this product.

Skin/Body Protection:

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid
Physical State:	Liquid
Odour:	characteristic
pH:	7.5+/- .5
Solubility in water:	soluble
Vapour Density:	4.5
Boiling point:	100 to 120
Freezing Point:	Not available
Ignition Point:	Not available
Flash Point:	Not available
Specific Gravity:	1
Vapour pressure:	
% Volatilities:	Not volatile

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at room temperature and pressure.
Conditions to avoid:	Avoid excessive heat, direct sunlight, moisture, static discharges and high temperatures.
Incompatible Materials:	Incompatible with oxidizing agents, acidic agents, including acidic clays, and sources of ignition.
Hazardous decomposition:	When involved in a fire, this product will generate carbon monoxide
Hazardous reactions:	Oxidizing agents, mineral acids, halogenated organic compounds.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with the safety data sheet. Symptoms or effects that may arise if the product is mishandled and the overexposure occurs are;

Acute Effects

Ingestion:

Small amounts of liquid aspirated into lungs during ingestion, or from vomiting, may cause chemical pneumonitis. Ingestion large amounts of this product will result on headaches, nausea, dizziness and tracheal burning

LD_{50} (oral) =1193 mg/kg

Eye Contact:

This product cause serious eye damage and will permanently damage eye tissue.

Skin Contact

This product causes severe skin burns, dryness and cracking of skin.

12. ECOLOGICAL INFORMATION

Persistence/ degradability: The substance is not readily biodegradable

Mobility: No data available for this product. Avoid contaminating water ways

13. DISPOSAL COSIDERATIONS

Disposal Methods:

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities.

14. TRANSPORT INFORMATION

Road and Rail Transport:

Classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail

Marine Transport:

Classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

Air Transport:

Classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air

Shipping Name:	CORROSIVE LIQUID, N.O.S.(contains benzyl-C12-16-alkyldimethyl ammonium chloride
Hazard Class:	8
UN Number:	UN 1760
Packing Group:	II

15. REGULATORY INFORMATION

HSNO Approval No:	HSR002526
Group Standard:	Cleaning Products (Corrosive hazard) Group Standard 2006
HSNO Classification:	6.1D, 8.1A, 8.2B, 8.3A, 9.1B

16. OTHER INFORMATION

New Zealand National Poison Information **Centre:**	0800 764 766
New Zealand Emergency Services:	111
Super Shine Products Limited:	+64 9 276 1591

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Super shine Products Limited accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Local Councils regulations.

Prepared by M. Derballa B.Sc.