

PRODUCT: Innocoat Moss Master
SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION OF SUBSTANCE & COMPANY DETAIL

Product

Product Name	Innocoat Moss Master
HSNO approval	HSR002530
Approval Description	Cleaning Products (Subsidiary Hazard) Group Standard 2017
UN number	3082
Recommended Uses:	Outdoor biocidal hard surface cleaner.

Company Details

Company	Innovative Coatings NZ Ltd 37 Beach Road Richmond Nelson 7020
Phone	022 086 3584
Email	info@innovativecoatingsnz.com

EMERGENCY TELEPHONE NUMBER :0800 POISON (0800 764 766)

SECTION 2: HAZARD IDENTIFICATION

This material is an approved substance under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002530, Cleaning Products (Subsidiary Hazard) Group Standard 2017) and is classified as below.

HSNO Classes	Hazard Statements
6.3A	H315 Causes skin irritation
6.9B	H371 May cause damage to organs
9.1D	H402 Harmful to aquatic life

PRODUCT: Innocoat Moss Master
SAFETY DATA SHEET (SDS)

Symbols:

WARNING

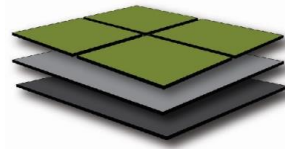

Prevention Precautionary Statement(s):	P102	Keep out of reach of children
	P103	Read label before use
	P104	Read Safety Data Sheet before use
	P233	Keep container tightly closed
	P240	Ground/bond container and receiving equipment
	P260	Do not breathe vapours
	P264	Wash hands thoroughly after handling
	P270	Do not eat, drink or smoke when using this product
	P271	Use only outdoors or in a well-ventilated area
	P273	Avoid release to the environment
Storage Precautionary Statement(s)	P280	Wear protective gloves/protective clothing/eye/face protection
	P403	Store in a well-ventilated place
	P235	Keep cool

SECTION 3: PHYSICAL COMPOSITION

Chemical Entity	CAS No	Proportion
Benzalkonium Chloride	68424-85-1	<10%
Biphenyl-2-01	90-43-7	< 2%

SECTION 4: FIRST AID MEASURES

IF exposed or concerned: Get medical advice / attention.
 If medical advice is needed, have product container or label at hand.
 If poisoning occurs, contact a doctor or the National Poison Information Centre.
 Phone 0800 764 766 (0800 POISON) (24 hr emergency service)



PRODUCT: Innocoat Moss Master

SAFETY DATA SHEET (SDS)

First Aid measures

- Inhalation:** **If inhaled:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a doctor or Poison Centre if you feel unwell.
- Skin contact:** **If on skin:** Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes. Rinse thoroughly. If skin irritation occurs: Get medical advice. Wash contaminated clothing before re use.
- Ingestion:** **If swallowed: DO NOT** induce vomiting. Call a doctor or POISON CENTRE if you feel unwell. Wash out mouth with water.
- Eye Contact:** **If in eyes:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if possible. Continue to rinse for at least 10 minutes. If eye irritation persists: Get medical attention

Work place facilities: Eye wash and ready access to running water

Notes for medical personnel: Treat symptomatically.

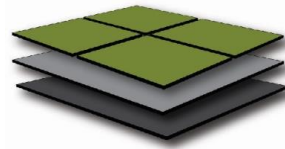
SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard properties: There are no specific risks for fire/explosion for this chemical. It is non flammable

Extinguishing media & method: Carbon dioxide, extinguishing powder, foam, fog sprays.

Products of combustion: Carbon dioxide, and if combustion is incomplete, carbon monoxide, nitrogen oxides, ammonia, chlorides, hydrocarbons and smoke. May form toxic mixtures in air and may accumulate in sumps or low lying spaces, forming potentially explosive mixtures.

Recommended protective clothing: Self-contained breathing apparatus (SCBA). Non-flammable overalls, gloves, safety boots



PRODUCT: Innocoat Moss Master

SAFETY DATA SHEET (SDS)

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	<p>Stop the source of the leak if it is safe to do so. Clear area of any unprotected personnel Wear protective equipment to prevent skin, eye and respiratory exposure. Work up wind or increase ventilation. Contain using sand, earth or vermiculite. Do not use sawdust. In case of a major spillage alert the Fire Brigade to location and provide a brief description of hazard. Prevent spillage from entering drains, sewers or water courses. If this does occur contact the regional authority immediately</p>
Cleanup methods:	<p>Use absorbent (soil, sand and/or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services . Mop up and collect any recoverable material into labelled containers for recycling or salvage. Recycle containers wherever possible. Dispose of only in accordance with all regulations (see Section 13)</p>

SECTION 7 HANDLING & STORAGE

Handling	<p>Read Label before use. Keep exposure to a minimum, and minimize the amount kept in work areas. See Section 8 with regard to personal protective equipment requirements. Avoid skin and eye contact and inhalation of vapour mist or aerosols</p>
Storage	<p>Store in a cool, dry well-ventilated area away from sources of ignition, oxidizing agents, foodstuffs and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected from physical damage. Inspect regularly for deficiencies such as damage and leaks. Store out of reach of children.</p>

PRODUCT: Innocoat Moss Master
SAFETY DATA SHEET (SDS)

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Workplace exposure standards A workplace exposure standard (WES) has not been established by WorkSafe NZ for this product.

Biological limit values None established

Engineering Controls Ventilation: Avoid breathing vapours, mist or spray. Use products outdoors or in a well ventilated area.

Personal Protective Equipment (PPE)

Detail specifications for equipment



Hand Protection:

Protective gloves are recommended. PVA or Viton/Butyl gloves are recommended. Replace frequently. Check for wear and tear before use. Open cuts or irritated skin should not be exposed to this material



Eye Protection:

Avoid contact with eyes. Use safety glasses and/or chemical splash goggles if splashes are possible



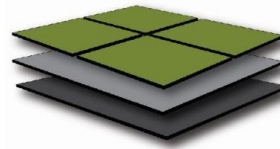
Respiratory Protection:

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Use a respirator with an organic vapour cartridge and a dust/mist filter. If using a respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order.



General hygiene:

It is essential that all who come into contact with this material maintain a high standard of personal hygiene, i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.



PRODUCT: Innocoat Moss Master

SAFETY DATA SHEET (SDS)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear soapy liquid
Vapour Pressure:	18mgHg@20°C
Boiling Point:	100°C
Solubility in water:	Soluble in water
Extinguishing Media:	Foam, dry chemical, CO2
Specific Gravity:	1.0
Freezing Point:	<0°C
Percent Volatile:	N/A
PH (% in water):	N/A
Flash Point:	Non flammable
Auto Ignition Temp:	No data

SECTION 10 STABILITY AND REACTIVITY

Stability of the substance	Stable under normal conditions
Conditions to avoid	Heat, direct sunlight, open flames .
Materials to avoid	Oxidising agents
Hazardous decomposition products	Carbon dioxides, nitrogen oxides, ammonia, chlorides, hydrocarbons
Hazardous reactions	None known

SECTION 11 TOXICOLOGICAL INFORMATION

Summary

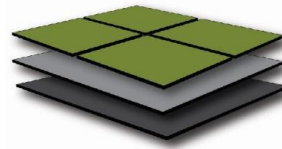
If swallowed: may result in ulceration and burns to the mouth and throat, nausea, vomiting, abdominal pain and diarrhoea

If in eyes: may cause eye irritation, pain, corneal burns and possible permanent damage.

If on skin: may cause skin irritation, causing redness, rash, dermatitis and possible burns

If inhaled: over exposure to vapours may cause respiratory irritation with coughing, nausea, dizziness and headache.

Toxicological Information :	
Benzalkonium chloride	Oral, LD50, mouse 150mg/kg Dermal, LD50, rat 1420mg/kg



PRODUCT: Innocoat Moss Master
SAFETY DATA SHEET (SDS)

SECTION 12 ECOLOGICAL INFORMATION

Summary

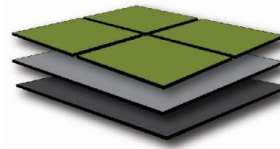
This mixture is toxic to aquatic organisms, may cause long-term adverse effects in the aquatic Environment. Prevent this material entering waterways, drains and sewers.

Supporting Data

Ecotoxicity:	Harmful to aquatic life.
Fish:	Fathead minnow EC50 (96hr) 0.28 mg/l
Algae:	Algae EC50 (72hr) 0.08 mg/l
Mobility:	No information available
Persistence/Degradability	No information available.
Bio accumulative Potential	Not bioaccumulative
Terrestrial vertebrate	Not considered harmful towards terrestrial vertebrates

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal information	Dispose of waste according to local and national regulations. Labels should not be removed from containers until they have been cleaned.
Container Disposal	Empty containers may contain residue. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of through a suitably qualified contractor.



PRODUCT: Innocoat Moss Master
SAFETY DATA SHEET (SDS)

SECTION 14 TRANSPORT INFORMATION

Transport according to NZS 5433 (Transport of Hazardous Substances on Land).
Considered a dangerous good for transport

UN Number: 3082
Proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S
(Contains Benzalkonium Chloride)
Class 9 Packing Group III
Hazchem Code 3(Z)

SECTION 15 REGULATORY INFORMATION

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO).

Approval code: HSR0022530, Cleaning Product (Subsidiary Hazard) Group Std 2017

Other Legislation

In New Zealand the use of this product may come under the Resource Management Act and Regulations, the Health and Safety at Work Act 2015 and the Safety at Work (General Risk and Workplace Management) Regulations 2016 and local Council Rules and Regional Council plans.

SECTION 16 OTHER INFORMATION

Additional information New Zealand National Poison Centre (24hours)
0800 POISON (764 766)
New Zealand Emergency Services: 111

Review

Version Date: 26/09/2019
Review Date: 25/09/2024

Note

All information given by Innovative Coatings NZ Ltd is offered in good faith and is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all information relevant to usage is offered without warranty or guarantee and should not be construed as a representation that the product is suitable for any particular purpose or application.