

PROCOAT GREEN CLEAN

Date of issue: 3 July 2020

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product Name:	Procoat Green Clean (213-503-1)
Uses:	Quaternary ammonium biocide concentrate for treating wall/roof/deck surfaces prior to painting
Supplier:	DECORA GROUP LTD 7 Akatea Road, Glendene, Auckland, New Zealand.
Telephone:	09 818 9215
Fax:	09 818 7862
Emergency Telephone:	0800 761 333
National Poisons Centre Tel:	0800 764766 (0800 POISON)

2. Hazards Identification.

Hazardous Status: Classified as hazardous according to the criteria of HSNO. HSNO approval number HSR002526

DG Status: Classified as Dangerous Goods according to NZS5433

Signal Word: DANGER

HAZARD CLASSIFICATIONS HSNO	HAZARD STATEMENTS	GHS Pictogram
6.1E (oral)	H303 May be harmful if swallowed.	
6.5A	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
6.5B	H317 May cause an allergic skin reaction.	
6.9B (single exposure)	H371 May cause damage to organs.	
8.2C	H314 Causes severe skin burns and eye damage.	
8.3A	H318 Causes serious eye damage.	
9.1B	H411 Toxic to aquatic life with long lasting effects.	

PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P104	Read Safety Data Sheet before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing <i>should</i> not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation wear respiratory protection.

RESPONSE STATEMENTS

PROCOAT GREEN CLEAN

Date of issue: 3 July 2020

NZ Safety Data Sheet

P304+P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.	
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
P310	Immediately call a POISON CENTER or doctor/physician.	
P363	Wash contaminated clothing before reuse.	
P309+P311	If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.	
P101	If medical advice is needed, have product container or label at hand.	
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P391	Collect spillage.	
STORAGE STATEMENTS		
P405	Store locked up.	
DISPOSAL STATEMENTS		
P501	Refer to section 13.	
3. Composition/Information on Ingredients.		
<u>Chemical Entity</u>	<u>CAS Number</u>	<u>Proportion %w/w</u>
Synthecol Quad LF/Quad BC	(contains Benzalkonium chloride 50% 8001-54-5)	20-25
Balance of ingredients: Non-hazardous, or below the hazardous threshold.		
4. First Aid Measures.		
Swallowed	If swallowed do NOT induce vomiting. If conscious give water to drink. Get medical attention immediately.	
Inhaled	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention immediately.	
Eye Contact	If splashed in the eyes, wash out immediately with water. Obtain medical attention immediately.	
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
Further Information	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately. Probable mucosal damage may contraindicate use of gastric lavage. Single dose of activated charcoal is the recommended gastrointestinal decontamination procedure. – Adult – 50-100g, child – 1-2g/kg.	
5. Fire-Fighting Measures.		
Suitable extinguishing media	In case of fire, use water spray (fog), foam, dry chemical or CO2.	
Unsuitable extinguishing media	High volume water jet.	
Hazards from the substance	This product is not flammable. In a fire or if heated, a pressure increase will occur and the container may burst.	
Hazardous combustion products	Decomposition products may include: Carbon oxides, Nitrogen oxides, Metal oxides.	
Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or	

	without suitable training.		
Special protective equipment for fire fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.		
6. Accidental Release Measures.			
Personal precautions	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.		
Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).		
Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Floors may become slippery.		
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.		
7. Handling and Storage.			
Handling	Wear appropriate PPE, and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact, or breathing in the product.		
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight. Store locked up.		
8. Exposure Control/Personal Protection			
Exposure Standards			
No exposure limits set for the finished product, listed components below.			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Engineering Controls	Use only in well ventilated areas. Keep containers closed when not in use.		
Personal Protection			
Respiratory	Wear a vapour respirator if risk of inhalation exists. Approved respirator for organic vapours.		
Eyes	Wear safety glasses/goggles.		
Hands	Wear PVC gloves – or other suitable chemical gloves.		
Other	Wear overalls and PVC apron and boots. Wash hands prior to eating, drinking, smoking or using the toilet.		
9. Physical and Chemical Properties			

PROCOAT GREEN CLEAN

Date of issue: 3 July 2020

NZ Safety Data Sheet

PROPERTY	SPECIFICATION
Appearance (physical state, colour, etc.)	Liquid, clear, green
Odour	Slight almond
Odour threshold	Not available
pH	12
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility (ies)	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Kinematic viscosity	Not available

10. Stability and Reactivity

Stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Avoid contact with strong oxidising/reducing agents.
Incompatible materials	All class 1, class 4.3- note 3, class 5.1 – note 1, class 5.2 – note 2, class 6.1 – cyanides.
Hazardous decomposition products	Toxic organic vapours/fumes, amines, CO, CO ₂ , nitrogen oxides, hydrogen chloride.

11. Toxicological Information

DATA - CCID	
Classification:	Acute Oral Toxicity – 6.1E
Health Effects:	May be toxic if swallowed
Data:	Determined by applying mixture rules to ingredients.
Classification:	Respiratory Sensitiser – 6.5A
Health Effects:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Data:	Determined by applying mixture rules to ingredients.
Classification:	Skin Sensitiser – 6.5B
Health Effects:	May cause an allergic skin reaction
Data:	Determined by applying mixture rules to ingredients.
Classification:	STOT-SE – 6.9B
Health Effects:	May cause damage to organs.
Data:	Determined by applying mixture rules to ingredients.
Classification:	Skin/Eye Corrosive – 8.2C
Health Effects:	Causes severe skin burns and eye damage.
Data:	Determined by applying mixture rules to ingredients.

PROCOAT GREEN CLEAN

Date of issue: 3 July 2020

NZ Safety Data Sheet

Classification:	Eye Corrosive – 8.3A
Health Effects:	Causes serious eye damage.
Data:	Determined by applying mixture rules to ingredients.
Swallowed:	Not available
Inhaled:	Not available
Skin:	Not available
Eyes:	Not available
Chronic Effects:	Not available

Toxicity Data

Product Calculated Acute Toxicity

ORAL LD50

6.1E: >2000 - ≤5000 mg/kg

DERMAL LD50

>5000 mg/kg

INHALATION LC50 (vapours)

>20.0 mg/L/4H

INHALATION LC50 (dust/mist)

>5.0 mg/L/4H

Product/Ingredient	LD50 Oral mg/kg	LD50 Dermal – mg/kg	LC50 Inhalation – mg/L/4H
Sodium Carbonate	4090		2.3
Chemidet 24-7N-90	>2000		
Synthecol Quad LF/Quad BC	>50-<300	3418	
Sodium Tripolyphosphate	3020		

12. Ecological Information

This product is classified as Ecotoxic according to the criteria of HSNO.

Ecotoxic Ingredients:

Ingredient	Classification
Chemidet 24-7N-90	9.1A
Synthecol Quad LF/Quad BC	9.1B, 9.3C

Product/Ingredient	Species, L(E)C50
	FISH
Synthecol Quad LF/Quad BC	Bluegill sunfish, 2.35ppm

CRUSTACEAN

ALGAL

Product/Ingredient:

Persistence & Degradability Not available

Mobility Not available

Bioaccumulative Potential Not available

PROCOAT GREEN CLEAN

Date of issue: 3 July 2020

NZ Safety Data Sheet

Ecotoxic signage required when >1000L is stored.	
Certified Handler	Not Required
Tracking	Not Required
All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.	
Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.	
This material is not subject to the following agreements: <ul style="list-style-type: none">• Montreal Protocol (Ozone Depleting Substances)• The Stockholm Convention (Persistent Organic Pollutants)• The Rotterdam Convention (Prior Informed Consent)	
16. Other Information.	
HSNO = Hazardous Substances and New Organisms Act 1996. EPA = Environmental Protection Authority CCID = Chemical Classification and Information Database (EPA) NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit	
Date of SDS Preparation: 3 July 2020	

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.