

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 0

Revision Date: 18/03/2020

Print Date: 21/04/2020

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Cove Bathroom Cleaner Concentrate		
Other Name(s)	Variant Name	Codes	Barcode
	Cove Bathroom Cleaner Concentrate	FD240102 BT1	9310692 181217
Recommended Use	Concentrated product to be diluted 1:3 with water to produce a trigger spray multi surface cleaner.		
Supplier Address	Natures Organics Pty Ltd 31 Cornhill Street Ferntree Gully VIC 3156		
Telephone	+613 9759 0300		
Emergency Telephone	+613 9759 0300		

2. HAZARDS IDENTIFICATION

GHS Classification of the substance or mixture:	This substance / preparation is classified as hazardous according to the GHS of Classification and Labelling of Chemicals, Third Revision.
Classification of the substance or mixture:	EYE DAMAGE – Category 1 SKIN SENSITISATION – Category 1

GHS label elements

Hazard pictograms:



Signal word:	DANGER	
Hazard statements	H318	Causes serious eye damage.
	H315	Causes skin irritation
	H412	Harmful to aquatic life with long lasting effects.
Precautionary statements	P280	Wear eye protection and protective gloves.
	P264	Wash hands thoroughly after handling.
	P362	Take off contaminated clothing and wash before reuse.
	P305+P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P302+P352	IF ON SKIN: wash with plenty of soap and water
	P333+P313	IF SKIN irritation or rash occurs: get medical advice/attention.
	P310	Immediately call a POISON CENTRE or doctor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Lauryl (Coconut) Alcohol Polyethylene Glycol Ether (7.2 EO)	68439-50-9	< 10%
Caprylyl/Capryl Glucoside	161074-97-1	< 10%
Cocodimethylamine Oxide	70592-80-2	< 10%
Citric Acid	77-92-9	< 10%
Ingredients determined not to be hazardous	-	Balance

The authorities of the European Community have selected 26 fragrance ingredients which are considered to be potential allergens. If any of these 26 fragrance ingredients are determined to be present at a level of 10 ppm (= 0.001%) or more in a leave-on personal care product or at a level of 100 ppm (= 0.01%) or more in a rinse-off personal care product or detergent product, then they must be included as an ingredient on the product label if the product is to be sold in the European Community. Whilst Australian legislation and regulations for personal care products and detergent products does not require such ingredient disclosure, it is provided in the table below in the interests of transparency and to assist consumers in making an informed choice.

<i>Variant</i>	<i>Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (=0.01%) or more</i>	
Cove Bathroom Cleaner Concentrate	Limonene (d- and l-Limonene)	CAS 5989-27-5 0.336%

4. FIRST AID MEASURES

Ingestion	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Seek medical advice or contact the Poisons Information Centre (phone Australia 13 1126; New Zealand 0800 764 766).
Eye	Immediately hold eyes open and flush. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing with water for at least 15 minutes. Seek medical advice.
Skin	Wipe off excess with tissue or towel. Remove contaminated clothing. Wash well with plenty of soap and water. If irritation or rash occurs, seek medical advice/attention. Wash clothing before reuse.
Inhalation	Avoid breathing mist/vapours/spray.
First Aid Facilities	Workcover recommended first aid facilities appropriate to the size of the workplace.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media	Water spray or fog. Foam, dry chemical powder or carbon dioxide extinguishers.
Hazards from combustion products	This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes containing oxides of carbon and nitrogen as well as sulfur compounds.
Personal protective equipment	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

Hazchem code None assigned.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures Slippery when spilled. Avoid accidents, clean up immediately. Wear personal protective equipment.

Methods and materials for containment and clean up Contain spill to prevent contamination of drains/ water ways. Use absorbent material such as sand or earth. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Wash area down with water to remove residual material.

7. HANDLING AND STORAGE

Precautions for safe handling Avoid skin and eye contact

Conditions for safe storage Store in original containers in a cool, dry, well ventilated area and out of direct sunlight. Store away from foodstuffs, foodstuff containers and incompatible materials such as acids, alkalis and strong oxidizing agents.

Storage incompatibility Acids, alkalis and strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure standards:

Ingredient	CAS No. ^(a)	TWA		STEL		Carcinogen Category	Notices
		ppm ^(b)	mg/m ³ ^(c)	ppm ^(b)	mg/m ³ ^(c)		
d-limonene	5989-27-5	30	166.6	-	-	-	-

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

⁽¹⁾ Worksafe Australia Exposure Standard for Atmospheric Contaminants in Occupational Environment [NOHSC:1003 1995]

^(a) CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

^(b) Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.

^(c) Milligrams of substance per cubic metre of air.

Sk Absorption through the skin may be a significant source of exposure.

Biological limit values: Not available

Engineering controls: Use in well ventilated areas.

Personal protective equipment: Eyes: Not required under normal conditions of use. For industrial applications, wear eye protection.

Clothing: Not required under normal conditions of use. For industrial applications, wear suitable gloves.

Respiratory: Not normally a hazard due to the non-volatile nature of the product.

Other: Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear pale colourless liquid

Odour Citrus / Characteristic

pH (undiluted) 1.5 – 2.5

Vapour Pressure (kPa)	Not available
Boiling Point	Approximately 100°C (water)
Melting Point	Not available
Solubility in water	Readily dispersible
Specific Gravity	Approximately 1.09 @ 20°C
Flash Point (°C)	'-
Flammability Limits	Not flammable
Ignition temperature (°C)	Not available
Specific heat value	Not available
VOC content	< 1%
Evaporation rate	Not available
Viscosity	Like water @ 20°C
Volatile component (%)	Not available
Saturated vapour pressure	Not available
Decomposition temperature	Not available

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Conditions to avoid	Excessive heat.
Incompatible materials	Acids, alkalis, strong oxidising agents.
Hazardous decomposition products	Thermal degradation may produce oxides of carbon and nitrogen as well as sulfur compounds.
Hazardous reactions	Not known.

11. TOXICOLOGICAL INFORMATION

Potential health effects

Acute

Swallowed May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include abdominal pain, nausea, vomiting and diarrhoea.

Oral LD50 (rat) No information available.

Eye Irritating to eyes.

Skin Repeated or prolonged skin contact may lead to irritation.

Inhaled Not normally a hazard due to the non-volatile nature of the product.

Chronic No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life
 Hazardous to the aquatic environment - acute: Cat. 2 chronic Cat.3
 The product has not been tested. The statement has been derived from summation of substances in the formula.

The following data applies to the active ingredient:

	DID No. ⁽²⁾	LC ₅₀ /EC ₅₀	NOEC
Cocodimethylamine Oxide	2206	0.13 mg/L	0.07 mg/L

Alcohols, C12-14, ethoxylated	2111	0.40 mg/L	0.27 mg/L
d-Limonene (84% in Lemon oil)	-	0.40 mg/L	0.08 mg/L

Persistence and Degradability	The surfactants in this product are classified as readily biodegradable when tested according to OECD Method 301.
Mobility	No information available.
Other	Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of by incineration, to trade waste or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations. Small quantities can go to the sewer.
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14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number	None
UN proper shipping name	None
Dangerous Goods Class	None
Subsidiary Risk	None
Packing group	None
Special precautions for user	None
Hazchem Code	None

15. REGULATORY INFORMATION

All components of this product are listed on the Australian Inventory of chemical substances (AICS).

Poisons Schedule	None
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16. OTHER INFORMATION

For Emergencies	Australian Poisons Information Centre – phone 13 1126 New Zealand Poisons Information Centre – phone 0800 764 766
Prepared By	Andrew Gowty R&D Manager
Issue Date	18/03/2020
Version No	0
Supersedes	-
Reason for Revision	New Product

References

⁽²⁾ Detergent Ingredient Database (DID) List:

<http://ec.europa.eu/environment/ecolabel/documents/Calculation%20Sheet%20cosmetics.xlsx>

The LC₅₀/EC₅₀ and NOEC values quoted are those contained in the DID List

This MSDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.

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