

SAFETY DATA SHEET



C-Tec Nature Clean

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: C-Tec Nature Clean

OTHER NAMES: C-Tec Nature Clean

RECOMMENDED USE: Neutral Hard Surface Cleaner

SUPPLIER NAME: 2CARE PRODUCTS

ADDRESS: 9 Donnor Place
Mt Wellington
AUCKLAND

Phone: 0800 753 753

Fax: (09) 574 5999

Emergency Telephone: 0800 764 766 NEW ZEALAND NATIONAL POISON CENTRE

2. HAZARD(S) IDENTIFICATION

GLOBALLY HARMONISED SYSTEM

HAZARD CLASSIFICATION Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS). HSNO Act 1996 Code of Practice
Not classified as a Dangerous Good by NZS5433:2012 for transport by Road and Rail

HAZARD CATEGORIES	Skin Corrosion/Irritation	Category 2
	Serious Eye Damage/Irritation	Category 1
	Aquatic Toxicity (Chronic)	Category 3

PICTOGRAMS



SIGNAL WORD **DANGER**

HAZARD STATEMENTS

H315 – Causes skin irritation.

H318 – Causes serious eye damage.

H412 – Harmful to aquatic life with long lasting effects.

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PRECAUTIONARY STATEMENTS

PREVENTION

P102 – Keep out of reach of children.
P103 – Read label before use.
P104 – Read Safety Data Sheet before use.
P264 – Wash hands thoroughly after handling.
P273 – Avoid release to the environment.
P280 – Wear protective gloves, clothing and eye/face protection.

RESPONSE

P101 – If medical advice is needed, have product container or label at hand.
P310 – Immediately call **NZ POISON CENTRE** or doctor/physician.
P321 – **WASH** affected areas well with water.
P362 – Take off contaminated clothing and wash before reuse.
P302 + P352 – **IF ON SKIN:** Wash with plenty of soap and water.
P305 + P351 + P338 – **IF IN EYES:** Rinse cautiously for several minutes. **REMOVE** contact lenses if present and safe to do so. Continue rinsing.
P332 + P313 – **IF SKIN IRRITATION** occurs: Get medical advice/attention.

STORAGE

DISPOSAL

P501 – Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

ENVIRONMENTAL PROTECTION AUTHORITY (NEW ZEALAND)

HSNO CLASSIFICATIONS

Toxicity Hazards

6.3A Substances that are irritating to the skin.
8.3A Substances that are corrosive to ocular tissue.

Environmental Hazards

9.1C Substances that are harmful in the aquatic environment

The information contained in this SDS is specific to the product when handled and used neat. This product when diluted at a 1:40, 1:50 or above does not require the same control measures as the neat product. At these dilutions this Nature Clean is classified as non-hazardous under according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	Formula	CAS Number	Proportion
Disodium Cocoampho Dipropionate	$\text{Na}_2\text{-R-C}_{11}\text{H}_{17}\text{N}_2\text{O}_6$	68604-71-7	< 5%
Fragrance		Proprietary	< 0.5%
Methanol	CH_4O	67-56-1	< 0.5%
Non-Hazardous ingredients			10 - 20%
Water	H_2O	7732-18-5	Balance

4. FIRST AID MEASURES

INGESTION

DO NOT induce vomiting. Give water to drink immediately to dilute. Contact Poisons Centre.

EYE CONTACT

IMMEDIATELY flush eyes with copious amounts of water for at least 20 minutes while holding eyelids open. Ensure complete irrigation of the eyes by lifting the upper and lower lids periodically. Removal of contact lenses should only be done by skilled personnel. Transport person to nearest hospital or doctor **IMMEDIATELY**.

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SKIN CONTACT	REMOVE contaminated clothing. FLUSH the contaminated skin thoroughly with water for at least 5 minutes.
INHALATION	REMOVE victim from source of exposure to fresh air. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.
SAFETY MEASURES	Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers. Treat symptomatically.
PHYSICIAN NOTES	Treat symptomatically based on judgement of doctor and individual reactions of patient.

5. FIRE FIGHTING METHODS

GENERAL MEASURES	Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
FLAMMABILITY CONDITIONS	Product is not combustible.
EXTINGUISHING MEDIA	Use extinguishing media appropriate for surrounding fire.
HAZARDOUS PRODUCTS OF COMBUSTION	The product is non-combustible; however, the packaging material may burn to emit noxious fumes.
SPECIAL FIRE FIGHTING INSTRUCTIONS	DO NOT allow firefighting water to reach waterways, drains or sewers.
PERSONAL PROTECTIVE EQUIPMENT	Wear positive pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (including Helmet, Coat, Trousers, Boots and Gloves) or chemical splash suit.
HAZCHEM CODE	No information available.

6. SPILLAGE/ACCIDENTAL RELEASE MEASURES

GENERAL RESPONSE PROCEDURE	Clear area of all unprotected personnel. Allow only trained personnel wearing appropriate protective equipment to be involved in spill response. Contain spill, avoid accidents, clean up immediately. Increase ventilation. Avoid walking through spilled product as it is slippery when spilt.
CLEAN UP PROCEDURES	Mechanically collect as much of the spill as possible. Absorb with sand, earth or clay. Transfer to suitable, labelled containers and dispose of promptly as hazardous waste. Spill on areas other than pavement (e.g. dirt and sand) may be handled by removing the affected soils and placing in approved containers.
CONTAINMENT	Stop leak if safe to do so. Contain spill immediately.
DECONTAMINATION	Wash down spill area with water.
ENVIRONMENTAL PRECAUTIONARY MEASURES	Prevent run off into drains and waterways. If contamination of sewers or waterways has occurred advise the Environmental Protection Authority and/or your local Waste Authority.
EVACUATION CRITERIA	Evacuate all non-essential personnel.
PERSONAL PRECAUTIONARY MEASURES	Personnel involved in the clean-up should wear full protective clothing as listed in section 8.

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7. HANDLING AND STORAGE

HANDLING	Observe good personal hygiene practices and recommended procedures. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Do not smoke, eat or drink when handling product. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
STORAGE	Store upright in the original container in a cool, dry, well-ventilated protected area out of direct sunlight and away from incompatible materials and foodstuffs. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Do not combine part containers of the same product.
CONTAINER	Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL	Methanol [CAS 67-56-1].
EXPOSURE LIMITS	Methanol – TWA-Ceil 262mg/m ³ from NZ Workplace Exposure Standards.
BIOLOGICAL LIMITS	No information available on biological limit values for this product.
ENGINEERING MEASURES	Adequate ventilation should be provided so that exposure limits are not exceeded.
PERSONAL PROTECTIVE EQUIPMENT	RESPIRATOR If determined an inhalation risk is present. Use a P2 grade disposable mask which conforms to the requirements of AS1715/1716).
	EYES Use splash proof safety goggles that conform to AS1336/1337.
	HANDS Any Gloves approved for chemical hazards that conform to AS2161.
	CLOTHING Trousers, Long sleeved shirt and closed shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE	Liquid
APPEARANCE	Viscous
COLOUR	Blue
ODOUR	Boronia
pH	7.0 – 8.0
DENSITY	No Data Available
VAPOUR PRESSURE	No Data Available
VAPOUR DENSITY	No Data Available
BOILING POINT	No Data Available
FREEZING POINT	No Data Available
SOLUBILITY	Complete in water
SHELF LIFE	2 years from manufacturing date (when stored as directed)

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10. STABILITY AND REACTIVITY

GENERAL INFORMATION	Stable under normal conditions of use.
CHEMICAL STABILITY	The substance is stable under normal environmental and foreseeable conditions of temperature and pressure during storage and handling.
CONDITIONS TO AVOID	Avoid contact with foodstuffs. Do not combine part drums of the same product
MATERIALS TO AVOID	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	The packaging material may burn to emit noxious fumes.

11. TOXICOLOGICAL INFORMATION

ORAL	<p>C₁₂-C₁₄ fatty alcohol, ethoxylated LD₅₀ – 1200mg/kg (Rat) Supplier Data Sheet Disodium Cocoampho Dipropionate LD₅₀ – >5000mg/kg (Rat) Unpublished internal supplier report</p> <p>Significant oral exposure is unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.</p>
DERMAL	<p>C₁₂-C₁₄ fatty alcohol, ethoxylated LD₅₀ – >2000mg/kg (Rat). Supplier Data Sheet Disodium Cocoampho Dipropionate LD₅₀ – >5189mg/kg (Rat) Unpublished internal supplier report</p> <p>Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating, but is unlikely to cause anything more than mild transient discomfort. Long Term Exposure: Repeated exposure may cause skin dryness or cracking</p>
INHALATION	Available data indicates that this product is not harmful. In addition, product is unlikely to cause any discomfort or irritation.
EYE	This product is a severe eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms such as swelling of eyelids and blurred vision may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment is likely to cause permanent damage.
CARCINOGENICITY	No information available.
MUTAGENICITY	No information available.
REPRODUCTIVE	<p>Reproduction / developmental toxicity screening test - Rat Oral exposure NOAEL parent: 2,593 mg/kg - Method: OECD Test Guideline 422 No impairment of fertility has been observed</p>
TARGET ORGAN	<p>Oral exposure - Rat, male and female NOAEL: 2593 mg/kg bw/day - Method: OECD Test Guideline 422 Not considered to cause serious damage to health on repeated exposure</p>
LONG TERM	No information available.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY	C ₁₂ -C ₁₄ fatty alcohol, ethoxylated:	LC ₅₀ (Fish, 96 h): 1.4 mg/L (Cyprinus carpio) (CCID) LC ₅₀ (Crustacea, 48 h): 6.46 mg/L (Daphnia magna) (CCID)
	Disodium Cocoampho Dipropionate	LC ₅₀ (Fish, 96h) 6.8 mg/L (Cyprinus carpio) (Supplier SDS) EC ₅₀ (Crustacea, 48h) 234 mg/L (Daphnia magna) (Supplier SDS) NOEC (Algae, 72h) 2.1 mg/L (Pseudokirchneriella subcapita) (Supplier SDS)
PERSISTENCE / DEGRADABILITY	Readily Biodegradable.	
MOBILITY	High water solubility and mobility.	
ENVIRONMENTAL FATE	Do not allow drainage into sewer, streams or storm water systems.	
BIOACCUMULATION POTENTIAL	Low risk of Bioaccumulation.	
ENVIRONMENTAL IMPACT	No information available.	

13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION	Dispose of in accordance with all local, regional and national regulations. All empty packaging disposed of in accordance with local, regional, and national regulations or recycled/reconditioned at an approved facility. This product should not be allowed to enter drains, watercourses or soil.
SPECIAL PRECAUTIONS FOR LANDFILL	Containers should be rinsed and disposed of in line with any requirements of the Resource Management Act for which approval should be sought from the Regional Authority.

14. TRANSPORT INFORMATION

LAND TRANSPORT NEW ZEALAND (NZS5433)

Not classified as a Dangerous Good by NZS5433:2012 for transport by Road and Rail

PROPER SHIPPING NAME	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.
UN NUMBER	No Data Available
CLASS	No Data Available
SUBSIDIARY RISK	No Data Available
PACKAGING GROUP	No Data Available
HAZCHEM	No Data Available
SPECIAL PROVISIONS	No Data Available

SEA TRANSPORT (IMDG)

Not classified as a Dangerous Good by the International Maritime Dangerous Good Code (IMDG) for transport by sea.

PROPER SHIPPING NAME	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.
UN NUMBER	No Data Available
CLASS	No Data Available
SUBSIDIARY RISK	No Data Available
PACKAGING GROUP	No Data Available
HAZCHEM	No Data Available
EMS	No Data Available
MARINE POLLUTANT	No Data Available
SPECIAL PROVISIONS	No Data Available

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AIR TRANSPORT (IATA)

Not classified as a Dangerous Good by the international Air Transport Association (IATA) for transport by air

PROPER SHIPPING NAME	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.
UN NUMBER	No Data Available
CLASS	No Data Available
SUBSIDIARY RISK	No Data Available
PACKAGING GROUP	No Data Available
HAZCHEM	No Data Available
EPG	No Data Available
SPECIAL PROVISIONS	No Data Available

15. REGULATORY INFORMATION

ENVIRONMENTAL PROTECTION AUTHORITY (NEW ZEALAND)

Hazardous Substances & New Organisms Act 1996

APPROVAL CODE	HSR002530 – Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO CLASSIFICATIONS	6.3A, 8.3A, 9.1C (Considered non-hazardous at dilutions 1:40 or higher)
APPROVED HANDLER	Not Required
NZIOC	Listed

16. OTHER INFORMATION

REVISION NUMBER	3 – Re-Issue
ISSUE DATE	30 th October 2019

In any event the review and if necessary re-issue of an SDS shall be no longer than 5 years after the last date of issue.

KEY/LEGEND	AS1336/1337	Industrial Eye Protection – Metric Units (Standards Australia).
	AS1715/1716	Respiratory Protection Devices – Metric Units (Standards Australia).
	AS2161	Industrial Safety Gloves and Mittens (Standards Australia).
	CAS	Chemical Abstracts Service.
	EC ₅₀	Concentration which induces a response halfway between the baseline and maximum.
	EMS	IMDG Emergency Schedule.
	EPG	Emergency Procedures Guide.
	GHS	Globally Harmonised System.
	HSNO	Hazardous Substances and New Organisms.
	IMDG	International Maritime Dangerous Goods.
	LC ₅₀	Concentration required to kill half the members of a tested population after a specified duration.
	LD ₅₀	Dosage required to kill half the members of a tested population after a specified duration.
	NOEC	No Observed Effect Concentration.
	NZIOC	New Zealand Inventory of Chemicals.
	SDS	Safety Data Sheet.
	UN No.	UN Nations Number.
	WES-Ceiling	Concentration that should not be exceeded at any time during any part of the working day.

REFERENCES	Workplace Exposure Standards-and Biological Exposure Indices – WorkSafe New Zealand.
	TOXNET – ChemIDPlus Database.
	IMDG Appendix B List of Marine Pollutants.
	IMDG Emergency Fire and Spill Codes.
	UN Recommendations on the Transport of Dangerous Goods Volume 1 (17 th Edition) Part 3.

SAFETY DATA SHEET

This SDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and how to safely handle and use the product in the work place. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact the company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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