

SAFETY DATA SHEET



C-Tec Excel Bathroom & Shower Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: C-Tec Excel Bathroom & Shower Cleaner

OTHER NAMES: C-Tec Excel Bathroom & Shower Cleaner
RECOMMENDED USE: Bathroom & Shower 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 NON-HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

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

PICTOGRAMS



SIGNAL WORD

WARNING

HAZARD STATEMENTS

H316 – Causes mild skin irritation.
H317 – May cause an allergic skin reaction.
H319 – Causes serious eye irritation.
H402 – Harmful to aquatic life.

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PRECAUTIONARY STATEMENTS

PREVENTION

P103 – Read label before use.
P104 – Read Safety Data Sheet before use.
P261 – Avoid breathing fumes.
P264 – Wash hands thoroughly after handling.
P272 – Contaminated work clothing should not be allowed out of the workplace.
P273 – Avoid release to environment.
P280 – Wear protective gloves, clothing and eye/face protection.

RESPONSE

P321 – Specific treatment (see first aid section on this label).
P363 – Wash contaminated clothing 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.
P333 + P313 – If skin irritation or rash occur: Get medical advice/attention.
P337 + P313 – If eye irritation persists. 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

6.3B Substances that are mildly irritating to the skin.
6.4A Substances that are irritating to the eye.
6.5B Substances that are contact sensitizers.

Environmental Hazards

9.1D Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action.

The information contained in this SDS is specific to the product when handled and used neat. This product when diluted may not require the same control measures as the neat product. Check with your technical representative if in doubt.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	Formula	CAS Number	Proportion
D-Limonene	C ₁₀ H ₁₆	68647-72-3	< 0.5%
Other ingredients			< 5%
Water	H ₂ O	7732-18-5	Balance

4. FIRST AID MEASURES

INGESTION

If person is conscious slowly provide as much water as the person can comfortably drink. Transport person to nearest hospital or doctor without delay. If person has lost consciousness **DIAL 111** and request an ambulance.

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EYE CONTACT	IMMEDIATELY flush eyes with copious amounts of water for at least 15 minutes while holding eyelids open. Ensure complete irrigation of the eyes by lifting the upper and lower lids periodically. Transport person to nearest hospital or doctor if irritation persists.
SKIN CONTACT	REMOVE contaminated clothing. Flush the contaminated skin thoroughly with water for at least 10 minutes preferably under a safety shower.
INHALATION	Seek medical help. Remove victim from exposure to fresh air. Provide emergency airway support if necessary. TRANSPORT to emergency medical facility without delay.
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. Give 100% humidified supplemental oxygen with artificial respiration if patient breathing is compromised.

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. Store fire-fighting water for treatment.
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 further accidents, clean up immediately. Increase ventilation. In the case of large spills alert fire brigade and notify them of location and nature of spill.
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 area down with water and collect washings for disposal.

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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.

7. HANDLING AND STORAGE

HANDLING Use in a well-ventilated area. Ensure an eye bath is available and ready for use. Avoid contact with eyes, skin and clothing. Do not inhale product vapours. 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 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 No information available.

EXPOSURE LIMITS No information available.

BIOLOGICAL LIMITS No information available on biological limit values for this product.

ENGINEERING MEASURES A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. 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, and/or if necessary an appropriate full-face shield 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 Free flowing

COLOUR Orange

ODOUR Citrus

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pH	8.0 – 9.0
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)

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. Use in a well-ventilated area. Avoid high temperatures.
MATERIALS TO AVOID	Oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS	The packaging material may burn to emit noxious fumes. May react with metals, giving off hydrogen gas.

11. TOXICOLOGICAL INFORMATION

ORAL	Benzalkonium Chloride LD ₅₀ – 344mg/kg (Rat). Chemcolour Harmful by ingestion. Can cause nausea, diarrhoea, abdominal pain.
DERMAL	Benzalkonium Chloride LD ₅₀ – 3340mg/kg (Rat). Chemcolour May cause irritation and redness to skin.
INHALATION	In acute case's pulmonary oedema resulting from aspiration, dyspnea and cyanosis due to paralysis of the respiratory muscles, bronchoconstriction, cough can occur.
EYE	Causes serious eye irritation.
CARCINOGENICITY	No information available.
MUTAGENICITY	No information available.
REPRODUCTIVE	No information available.
TARGET ORGAN	No information available.
LONG TERM	No information available.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY	LC ₅₀ – 0.0322mg/L	Pimephales promelas (Fathead Minnow – Chronic) 34d
	LC ₅₀ – 0.28 mg/L	Pimephales promelas (Fathead Minnow) 96h
	EC ₅₀ – 0.0059 mg/L	Daphnia magna (Water Flea) 48h
	EC ₅₀ – 0.08mg/L	Scenedesmus pannonicus (Green Algae) 72h

Considered to be very toxic to the aquatic environment.

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 potential for 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 should be disposed of in accordance with local, regional, and national regulations or recycled/reconditioned at an approved facility.

SPECIAL PRECAUTIONS
FOR LANDFILL

Containers should be rinsed then disposed of in compliance 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
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) Group Standard 2006
HSNO CLASSIFICATIONS	6.3B, 6.4A, 6.5B, 9.1D
APPROVED HANDLER	Not Required
NZIOC	Listed

16. OTHER INFORMATION

REVISION NUMBER	2 – New Issue
ISSUE DATE	20 th September 2017

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.
	LD _{Lo}	Lowest dosage required to produce death in a given species under controlled conditions.
	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.

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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 (17th Edition) Part 3.

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 in particular 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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