

SAFETY DATA SHEET



C-Tec Respond

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: C-Tec Respond

OTHER NAMES: Respond

RECOMMENDED USE: Neutral Floor 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). This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

HAZARD CATEGORIES Not Applicable

PICTOGRAMS Not Applicable

SIGNAL WORD **NO SIGNAL WORD**

HAZARD STATEMENTS No known significant effects or critical hazards.

PRECAUTIONARY STATEMENTS

GENERAL Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

PREVENTION Not Applicable

RESPONSE Not Applicable

STORAGE Not Applicable

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DISPOSAL

Not Applicable

ENVIRONMENTAL PROTECTION AUTHORITY (NEW ZEALAND)

HSNO CLASSIFICATIONS

Not classified as hazardous according to the New Zealand Hazardous Substances (Minimum Degree of Hazards) Regulations 2001.

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
Fragrance		Proprietary	0.5 – 1%
Benzalkonium Chloride	C ₁₇ H ₃₀ ClN	68424-85-1	0.5 – 1%
Non-Hazardous ingredients			Balance

4. FIRST AID MEASURES

INGESTION	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
EYE CONTACT	IMMEDIATELY flush eyes with copious amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention.
SKIN CONTACT	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
INHALATION	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SAFETY MEASURES	No specific measure required.
PHYSICIAN NOTES	Treat symptomatically based on judgement of doctor and individual reactions of patient. Contact NZ POISON CENTRE immediately if large quantities have been ingested or inhaled.

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.

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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. Use clean, non-sparking tools and equipment. Shut off all possible sources of ignition.

CLEAN UP PROCEDURES

Mechanically collect as much of the spill as possible. Absorb with sand, earth or clay. Transfer to suitable, labelled corrosion resistant 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.

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

Observe good personal hygiene practices and recommended procedures. 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 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. The floor must be waterproof and anti-slip.

CONTAINER

Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL

No information available.

EXPOSURE LIMITS

No information available.

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BIOLOGICAL LIMITS	No information available on biological limit values for this product.	
ENGINEERING MEASURES	Natural ventilation will suffice.	
PERSONAL PROTECTIVE EQUIPMENT	RESPIRATOR	Not Needed.
	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	Free flowing
COLOUR	Yellow
ODOUR	Floral
pH	5.0 – 6.0
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.
MATERIALS TO AVOID	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	The packaging material may burn to emit noxious fumes.

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.

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INHALATION	In acute case's pulmonary oedema resulting from aspiration, dyspnoea and cyanosis due to paralysis of the respiratory muscles, bronchoconstriction, cough can occur.
EYE	Causes serious eye damage. Can cause ulceration of the conjunctiva and cornea.
CARCINOGENICITY	No information available.
MUTAGENICITY	No information available.
REPRODUCTIVE	No information available.
TARGET ORGAN	No information available.
LONG TERM	No information available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY	LC ₅₀ – 0.0322mg/L LC ₅₀ – 0.28 mg/L EC ₅₀ – 0.0059 mg/L EC ₅₀ – 0.08mg/L	Pimephales promelas (Fathead Minnow – Chronic) 34d Pimephales promelas (Fathead Minnow) 96h Daphnia magna (Water Flea) 48h Scenedesmus pannonicus (Green Algae) 72h
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	Does not significantly bioaccumulate in organisms.	
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	No Data Available
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

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SEA TRANSPORT (IMDG)

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

PROPER SHIPPING NAME	No Data Available
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

AIR TRANSPORT (IATA)

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

PROPER SHIPPING NAME	No Data Available
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

Not classified as hazardous according the New Zealand Hazardous Substances (Minimum Degree of Hazards) Regulations 2001

APPROVAL CODE	
HSNO CLASSIFICATIONS	
APPROVED HANDLER	Not Required
NZIOC	Listed

16. OTHER INFORMATION

REVISION NUMBER	2 – New Issue
ISSUE DATE	13 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.

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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 (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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