

MATERIAL SAFETY DATA SHEET

Issue Date: 28 January 2011

Issue Number: 009

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: C-TEC TANDEM
OTHER NAMES: NONE
RECOMMENDED USE: FABRIC SOFTENER/ LAUNDRY SOUR.
SUPPLIER NAME: 2CARE PRODUCTS LIMITED

ADDRESS: 9 DONNOR PLACE
MT WELLINGTON
AUCKLAND

TELEPHONE: GENERAL ENQUIRIES: 0800 753 753
09 574 0377

FAX: GENERAL ENQUIRIES: 0800 763 763

EMERGENCY TELEPHONE NUMBER: International + 643 479 7227
NEW ZEALAND: 0800 764 766

2. HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: Classified as non-hazardous according to the criteria of Safe Work Australia.
Not classified as a dangerous good according to the criteria of ADG Code (see section 14).
Not classified as schedule poison according to the criteria of SUSMP (see section 15).

HAZARD CATEGORY: NONE
RISK PHRASES: NONE
SAFETY PHRASES: NONE

The information contained in this MSDS 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

INGREDIENT	CAS No.	PROPORTION (% w/w)
<i>The ingredients below are considered either hazardous, dangerous goods or poison scheduled according to the criteria of SW/I, ADG Code and SUSMP (respectively) at the levels used in the product.</i>		
NO INGREDIENTS		
<i>The ingredients below are not considered either hazardous, dangerous goods or poison scheduled according to the criteria of SW/I, ADG Code and SUSMP (respectively) at the levels used in the product.</i>		
Dyes		<10%
Neutralising agent		10 - <30%
Non-ionic surfactant		<10%
Cationic softening agent		<10%
Perfume		<10%
Water		>60%

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4. FIRST AID MEASURES

INGESTION:	Immediately remove product from the mouth and rinse mouth out with water. Contact a Doctor or the Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766) for further advice.
EYE CONTACT:	Irrigate with copious quantities of water for at least 15 minutes and seek medical attention if effects persist.
SKIN CONTACT:	Remove contaminated clothing and wash skin thoroughly with water. Seek medical attention if the effects persist.
INHALATION:	Remove from source of exposure to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Seek medical assistance if effects persist.
FIRST AID FACILITIES:	
NOTES TO PHYSICIAN:	Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers. Treat symptomatically.

5. FIRE FIGHTING METHODS

SUITABLE EXTINGUISHING MEDIA:	Water spray, foam, carbon dioxide or dry chemical powder.
HAZARDS FROM COMBUSTION:	The product is non-combustible; however, the packaging material may burn to emit noxious fumes.
PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT:	Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.
HAZCHEM CODE:	NONE

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES:	Spillages are slippery. Ensure adequate ventilation. Keep spectators away — rope off the area. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:	Contain the spill and prevent run off into drains and waterways. Large spills: absorb with dry earth, sand or other similar material. Collect and seal in properly labelled drums for disposal in an area approved by local authority by-laws. Wash area down with excess water to remove residual material. Small spills: may be safely mopped up and area washed with excess water. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright. Avoid eye contact and repeated or prolonged skin contact. Do not eat, drink or smoke in contaminated areas. 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.
CONDITIONS FOR SAFE STORAGE:	Store in the original container, in a cool, dry, well-ventilated area out of sunlight and away from other chemicals and foodstuffs. Keep containers closed when not in use to ensure contamination does not occur. Do not combine part drums of the same product, as this may be a source of contamination. Do not mix with other chemicals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS:	No value assigned for this specific material by the Safe Work Australia (SWA).
BIOLOGICAL LIMIT VALUES:	No biological limit allocated.
ENGINEERING CONTROLS:	Natural or local exhaust ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

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PERSONAL PROTECTIVE EQUIPMENT:

Protective equipment should be worn. Risk assessments should always be conducted to identify the hazards and in turn determine the appropriate personal protective equipment for the hazard.

Whilst protective equipment is not mandatory, examples of recommended protective equipment are listed below.

Protective gloves: elbow-length nitrile or PVC impervious gloves. Always check with the glove manufacturer or your personal protective equipment supplier regarding the correct type of glove to use. Consult AS/NZS 2161 for further information.

Eye protection: safety glasses/goggles with side shield protection. Consult AS/NZS 1336 and AS/NZS 1337 for further information.

Clothing and footwear: waterproof apron, trousers, long sleeved shirt, closed in shoes and/or safety footwear. Consult AS/NZS 2210 and AS/NZS 2919 for further information.

Respiratory Protection: Avoid breathing mist, sprays or vapours. Where ventilation is not adequate, respiratory protection may be required meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Opaque, green, moderately viscous liquid.
ODOUR:	Floral fresh fragrance.
PH (NEAT):	2.0
SPECIFIC GRAVITY OR DENSITY:	S.G. 1.06
VAPOUR PRESSURE:	No information available.
PERCENT VOLATILES:	77.0% at 100.0°C
BOILING POINT /RANGE:	No information available. No information available.
FREEZING / MELTING POINT:	The product is water based and is fully soluble in water.
SOLUBILITY:	No known fire hazard..
FLASH POINT:	No information available.
FLAMMABILITY LIMITS:	No information available.
IGNITION TEMPERATURE:	2 years from manufacturing date (when stored as directed).
SHELF LIFE:	None.
OTHER:	

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions of use. The shelf life is 2 years.
CONDITIONS TO AVOID:	Do not combine part drums of the same product, as this may be a source of contamination.
INCOMPATIBLE MATERIALS:	DO NOT mix with bleach or any other product, especially anionic detergent.
HAZARDOUS DECOMPOSITION PRODUCTS:	The packaging material may burn to emit noxious fumes.
HAZARDOUS REACTIONS:	None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE EFFECTS

INGESTION:	No adverse effects expected, however large amounts may cause nausea and vomiting. Capable of causing irritation if swallowed.
EYE CONTACT:	Capable of causing irritation.
SKIN CONTACT:	Capable of causing irritation with long and repeated skin contact.
INHALATION:	Available information indicates that there is little or no hazard when vapours from the product are inhaled.
LONG TERM EFFECTS:	No information available.
ACUTE TOXICITY / CHRONIC TOXICITY:	No LD50 data available for the product.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Avoid contaminating waterways.
PERSISTENCE AND DEGRADABILITY:	Surfactant is considered readily biodegradable to AS4351.
MOBILITY:	No information available.
OTHER:	None.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Empty containers should be forwarded to an approved agent for recycling. Avoid unauthorised discharge to sewer.
SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION:	The product is suitable for disposal by landfill through an approved agent. Incineration of the product is not recommended, as it is unlikely to adequately burn.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT:

	Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.
UN NUMBER:	
UN PROPER SHIPPING NAME:	NONE
CLASS AND SUBSIDIARY RISK(S):	NONE
PACKAGING GROUP:	NONE
HAZCHEM CODE:	NONE
SEGREGATION DANGEROUS GOODS:	NONE

MARINE TRANSPORT:

	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
UN NUMBER:	
UN PROPER SHIPPING NAME:	NONE
CLASS AND SUBSIDIARY RISK(S):	NONE
PACKAGING GROUP:	NONE
AIR TRANSPORT:	NONE

	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) for transport by air.
UN NUMBER:	
UN PROPER SHIPPING NAME:	NONE
CLASS AND SUBSIDIARY RISK(S):	NONE
PACKAGING GROUP:	NONE
	NONE
	NONE

15. REGULATORY INFORMATION

POISONS SCHEDULE (AUST.):	
APVMA STATUS:	
TGA STATUS:	Not scheduled.
AICS STATUS:	Not relevant.
AQIS STATUS:	Not relevant.
NZFSA STATUS:	
ASUREQUALITY STATUS:	All the constituents of this product are listed.
NEW ZEALAND:	L.O.A. is available on request.
	NZFSA Approved C33 (All animal product except dairy).
	Not assessed.
	HSNO Approval Number: HSR002530; Hazard Classifications: No data; Group Standard Name: Cleaning Products (Subsidiary Hazard) Group Standard 2006.

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16. OTHER INFORMATION

GENERAL INFORMATION: Use in the final rinse or in a fabric softener dispenser. DO NOT pour undiluted product directly onto clothes. DO NOT use a fabric softener if the water supply is discoloured.

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

REASON(S) FOR ISSUE: 009: Updated MSDS with new company details.

THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES.

LITERARY REFERENCE:

SOURCES FOR DATA:

LEGEND:	
AICS	Australian Inventory of Chemical Substances
APVMA	Australian Pesticides and Veterinary Medicines Authority
AQ IS	Australian Quarantine and Inspection Service
AS	Australian Standard (as issued by Standards Australia)
ASCC	Australian Safety and Compensation Council (formerly NOHSC)
HSNO	Hazardous Substances and New Organisms
MSDS	Material Safety Data Sheet
NOHSC	National Occupational Health and Safety Commission
STEL	Short Term Exposure Limit - A 15 minute TWA exposure which should not be exceeded at any time during a working day even if the eight-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons (formerly SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons)
SWA	Safe Work Australia (formerly ASCC)
TGA	Therapeutic Goods Administration
TLV	Threshold Limit Value - TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.
TWA	Time Weighted Average - The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

This MSDS 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 workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

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End of MSDS