

MATERIAL SAFETY DATA SHEET

Product Name: Prospice Disinfectant Cleaner
Other Names: Koru Spice Disinfectant

Use: Disinfectant and Cleaner

Supplier: 2Care Products Limited
Address: 9 Donnor Place, Mt Wellington, Auckland

Telephone: 0800 753 753

Emergency Phone: NZ National Poison Centre: 0800 764 766

1. IDENTIFICATION

Product Name: PROSPICE
Other Names: -

Use: Disinfectant and cleaner
Supplier: Reward Distribution Limited
Address: 142 Neilson Street, Onehunga, Auckland

Telephone: 0800 477 625
Emergency phone: INTERNATIONAL + 61 7 37103184 (ALL HOURS)
NZ National Poison Centre 0800 764 766

2. HAZARDS IDENTIFICATION

Product is classified as hazardous according to Schedules 1 to 6 of the *Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001* of the HSNO Act, 1996.

HSNO Classifications: 6.3B, 9.1B

Signal word: WARNING

Hazard Statements:

H316 Causes mild skin irritation
H411 Toxic to aquatic life with long lasting effects

Precaution Statements:

P103 Read label before use
P273 Avoid release to the environment

3. COMPOSITION : Information on Ingredients

Chemical Ingredient	CAS No.	Proportion (%w/w)
Benzyl-C12-18-alkyldimethylammonium chloride	68424-85-1	< 10
Polyalkylene oxide derivative of synthetic alcohol	103818-93-5	< 10
Other ingredients including fragrance & dye	Proprietary	< 10
Water	7732-18-5	> 70

4. FIRST AID MEASURES

For advice, contact National Poison Centre (Phone New Zealand: 0800 764 766) or a doctor. Have product label or Safety Data Sheet at hand.

Swallowed: Do NOT induce vomiting. Rinse mouth thoroughly with water.
Get medical advice.

Skin Contact: Remove contaminated clothing. Wash skin or hair with plenty of water.
If irritation develops, get medical attention. Launder clothing before re-use.

Eye Contact: Immediately flush the eye continuously with gently flowing water for 15 minutes while holding the eyelids open. Remove contact lenses, if present and easy to do, after flushing eyes for 5 minutes then continue rinsing. Get medical attention if irritation persists.

Inhalation: Move the victim to fresh air. Keep at rest and warm until recovered. Seek medical assistance if effects persist.
Begin artificial respiration, preferably mouth-to-mouth, if breathing is laboured or has stopped. Get immediate medical attention.

First Aid facilities:

Provide eye baths and safety showers close to areas where splashing may occur.

Medical Attention:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder, foam.

Hazards from combustion products: Packaging when burnt may emit noxious fumes.

Precautions for fire fighters and special protective equipment: Self-contained breathing apparatus with full face-piece and protective clothing.

Hazchem Code: 3Z

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Contain spillage. Spillages are slippery. Clean up immediately. Wear appropriate personal protection equipment to prevent skin and eye contact. Prevent run off into confined areas, drains and waterways. In event of fire, contain extinguishing media from entering drains, waterways or streams.

Methods and materials for containment

Small spills may be mopped up and the area washed with excess water.
For large spills, dyke and contain spilled liquid with sand or dry earth and transfer liquid and solids separately to labeled containers for recovery or disposal. Clean area with water while preventing contamination of waterways.

7. HANDLING AND STORAGE

Precautions for safe handling: Keep containers closed at all times and check regularly for leaks or spills. Avoid eye contact and prolonged or repeated skin contact. Do not eat, drink or smoke when using. Always remove contaminated clothing and wash hands before eating, drinking or taking rest breaks including using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for safe storage: Keep only in original container in a cool, dry well-ventilated area out of sunlight and away from other materials and foodstuffs. Do not combine part drums of same product, as this may be source of contamination. Do not mix with other chemicals.

Incompatible materials: No specific materials identified.

8. EXPOSURE CONTROLS : PERSONAL PROTECTION

Health Exposure Standards: No Workplace Exposure Standards (WES) have been set by the Occupational Safety and Health Service , NZ Department of Labour (2002) for any component in this substance.

Biological limit values: None established

Engineering Controls:

Ventilation: Natural or local exhaust ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment:

Respiratory Protection: No specific respiratory equipment should be required.

Eye Protection: Wear safety glasses/goggles or a full face shield to protect eyes from splashes.

Skin/ Body Protection: Wear impervious gloves, trousers, long sleeved shirt and closed in shoes or safety footwear as a general precaution.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical value
Appearance	Clear green liquid
Odour	Spice fragrance
Boiling Point/Range °C	Not known
Flash Point °C	Non flammable
Percent volatiles	~ 95
Density g/ml @ 20 °C	1.0
Solubility in Water	Fully soluble
pH	6.0 – 7.0

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions. Shelf life is 2 years.

Conditions to avoid: Do not combine part drums of same product, as this may be source of contamination. Avoid mixing with detergents, soaps or anionic surfactants as these materials deactivate the disinfecting properties of the product.

Hazardous decomposition products: Packaging material when burnt may emit noxious fumes.

Hazardous reactions: Avoid contact with oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Ingestion: If swallowed in large amounts may cause irritation, nausea and vomiting.

Eye Contact: May irritate eye causing redness, tearing or burning sensation..

Skin Contact: May have irritancy effects with prolonged or repeated skin contact.

Inhalation: No specific adverse effects identified.

Chronic Effects: No chronic health effects identified.

Other Health Effects Information: Not available

Toxicological Information: No specific information available.

12. ECOLOGICAL INFORMATION

This product identified as being toxic in the aquatic environment with long lasting effects. Do not apply directly onto or into water. Do not contaminate waterways, sewers, or drains when disposing of concentrate product. Product will be mobile and is not expected to bioaccumulate nor be persistent in the aquatic environment.

Ecotoxicological Information:

Polyalkylene oxide derivative of synthetic alcohol
 Eastern rainbow fish EC₅₀ (96h) 9.8 mg/L

Environmental Exposure Limits (EEL's): None set

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Triple rinse empty container with water. Recycle product or washings through cleaning system. Do not use container for storing other products. Either offer for recycling or puncture/crush and dispose of to an approved landfill.

Special Precautions for Landfill or Incineration: Disposal of this product must comply with any requirements of the local Council or Regional Authority.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	3082	UN No.	3082	UN No.	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS SURFACTANT)	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS SURFACTANT)	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS SURFACTANT)
DG Class	9	DG Class	9	DG Class	9
Sub. Risk	-	Sub. Risk	-	Sub. Risk	-
Pack Group	III	Pack Group	III	Pack Group	III
Hazchem	3Z	Hazchem	3Z		

Dangerous Goods Segregation

This product is classified as a Dangerous Good, Class 9.
Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2007 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

Country: New Zealand
Inventory: NZ Inventory of Chemicals
Status: Components listed

HSNO Act 1996: ERMA New Zealand Approval Code: HSR002530
Cleaning Products (Subsidiary) Group Standard 2006

HSNO Controls: Refer to www.ermanz.govt.nz for information on Controls.
Response plan, secondary containment and signage required when 100L or more on site.
Product does NOT require an Approved Handler.

16. OTHER INFORMATION

Reasons for Issue: New Safety Data Sheet format and updating HSNO hazardous classification information. Replaces Safety Data Sheet dated 18/10/2005.

Abbreviations:

ERMA	Environmental Risk Management Authority
HSNO	Hazardous Substances and New Organisms
NZCIL	New Zealand Chemical Inventory List
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
WES	Workplace Exposure

References:

ERMA www.ermanz.govt.nz
Supplier Safety Data Sheets

Other:

The information contained herein is given in good faith but no warranty, expressed or implied is made.

End of safety data sheet