



# Material Safety Data Sheet

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## 1. Identification

Trade name of product	R4+ Surface Disinfectant Spray
Supplier Address	: NCA ANZ Pty Ltd
Supplier Contact Details	: P O Box 65, Neutral Bay Junction NSW 2089 Australia Telephone no. 1300 656 892 Fax no. 1300 656 892 <a href="http://www.nca-anz.com.au">www.nca-anz.com.au</a> E-mail: <a href="mailto:info@nca-anz.com.au">info@nca-anz.com.au</a>
Emergency telephone number	: Poisons Information 131126
Material uses	: Surface disinfectant spray hospital grade for use on hard surfaces in non-critical areas in healthcare facilities. Not for use on therapeutic devices. Suitable for metal, plastic and vinyl surfaces.
Product dilution information	: Use undiluted.
How to use	: Use appropriate PPE. Spray on surfaces and wipe off with dry cloth. Discard cloth.
Date of issue	: 06/19

## 2. Hazards identification

NOT classified as DANGEROUS GOODS by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail. This material is NON-HAZARDOUS according to Safe Work Australia's GHS Criteria.



Hazard Category Eye Irritation - Category 2A

Signal Word: WARNING

Hazard Statements: Causes serious eye irritation.

Precautionary Statements: Prevention: Wash hands thoroughly after handling. Wear eye/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

Storage: Store in accordance with local regulatory requirements.

Disposal: Dispose in accordance with local regulatory requirements.

General Phrases: Keep out of reach of children.

### 3. Composition/information on ingredients

Ingredient name	CAS number	Proportion %	TWA mg/m <sup>3</sup> STEL mg / m <sup>3</sup>
Quaternary Ammonium Compounds	68424-95-3	2%	None allocated
Water		98%	

Ingredients determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

### 4. First-aid measures

Eye contact: Rinse with running water for at least 15 minutes. Seek medical advice if symptoms occur.

Skin contact: Remove contaminated clothing (wash before re-use). Then rinse with plenty of running water. Seek medical advice if symptoms occur.

Inhalation: Remove to fresh air. Seek medical advice if symptoms occur.

Ingestion: Do NOT induce vomiting. Rinse mouth. Give water to drink for effective dilution. Seek medical advice if symptoms occur.

Notes to physician: Treat symptomatically.

### 5. Fire-fighting measures

Extinguishing media: Use an extinguisher agent suitable for the surrounding fire.

Specific Hazards arising from the chemical: This product is noncombustible. Fumes of decomposition products may be toxic and irritating.

Special protective equipment and precautions for fire fighters: May decompose on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition

Hazchem Code: No Hazchem code applicable.

### 6. Accidental release measures

Personal precautions: Use PPE, i.e. gloves, safety glasses and appropriate footwear, when handling any spills.

Environmental precautions: Contain spill using appropriate bunding or capping.

Methods for cleaning up: Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

### 7. Handling and storage

Handling: Use clean dispensing equipment. Use appropriate PPE. Do not mix with other chemicals or formulated products.

Storage: Keep container upright in cool and dry area. Ensure good housekeeping in storage area.

## **8. Exposure controls/personal protection**

Occupational exposure limits: No value assigned for this specific material by Safe Work Australia

Engineering measures: Use sensible work practices that reduce operator exposure to the product. Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. Avoid direct inhalation of mists. Keep containers closed when not in use.

Personal Protection: No PPE required under normal use. However, the following PPE may be considered to reduce risk of exposure.

Eyes: Safety glasses.

Hands: Gloves should be used for instances of prolonged contact.

Respiratory: Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Skin: Long sleeve shirt and trousers may be considered to reduce risk of chemical contact.

## **9. Physical and chemical properties**

Physical state: Clear liquid

Colour: Purple

Odour: Slight

pH: 8.0 – 10.0

Flash point (deg C): N/A

Boiling point (deg C): >100

Specific Gravity (g/ml @ 25°C): 0.98 – 1.00

Solubility: Completely soluble in water

## **10. Stability and Reactivity**

Reactivity: No reactivity known.

Stability: Stable under normal storage conditions.

Possibility of Hazardous Reactions: None listed.

Incompatible Materials: None listed.

## **11. Toxicological information**

Potential Health Effects, e.g.

Ingestion: May irritate intestinal tract and mouth causing minor discomfort.

Skin: May irritate skin.

Eye: May cause irritation, reddening of eyes.

Inhalation: Inhalation of vapour may cause irritation to the respiratory tract and nasal passages.

Chronic: Prolonged contact with concentrated product may cause dermatitis and defatting of skin.

## 12. Ecological information

### Eco-toxicity data

Persistence/degradability: No known significant effects.

Mobility in Soil: No known significant effects.

Other adverse effects: Expected to be toxic to aquatic species.

## 13. Disposal considerations

Methods of disposal: Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

## 14. Transport information

Regulation ADG

UN Number N/A

Proper shipping name: N/A

Classes: N/A

Packing group: N/A

Additional information None Allocated None Allocated None Allocated None Allocated  
None Allocated

## 15. Regulatory information

NOT classified as DANGEROUS GOODS by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail. This material is HAZARDOUS according to Safe Work Australia's GHS Criteria. This material is NOT a SCHEDULE POISON according to the SUSMP. All ingredients listed on AICS.

Hazard Category

Causes Serious Eye Irritation - Category 2A

Signal Word: WARNING

Hazard Statements: Causes serious eye irritation.

Precautionary Statements

Prevention: Wash hands thoroughly after handling. Wear eye/face protection.

Response: IF IN EYES: Rinse cautiously with running water for at 15 minutes.

Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Seek medical advice.

Storage: Store in accordance with local regulatory requirements.

Disposal: Dispose in accordance with local regulatory requirements.

General Phrases: Keep out of reach of children.

## 16. Other information

Literature References:

Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Workplace exposure standards, Safe Work Australia. Hazardous Substances/Chemicals Information System, Safe Work Australia. Globally Harmonised System of classification and labelling of chemicals. Raw material suppliers' SDS

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS of December 2011.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge.

The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.