

**SAFETY DATA SHEET****Rinse Aid**

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, February 2016

**SECTION 1: Identification: Product identifier and chemical identity**Product identifier

Product name Rinse Aid

Internal identification FRAID

Relevant identified uses of the substance or mixture and uses advised against

Application Final Rinse Aid

Uses advised against Rinse aid for commercial dishwasher units

Details of the supplier of the safety data sheet

Supplier QKIND  
2/594 Boundary Road  
Archerfield QLD 4108  
1300 00 44 12  
sales@qkind.com.au

Contact Person Poisons Information 131126 or Brennan Stark 0428 835 855

Manufacturer Eco Pro Australia Pty Ltd  
42 Redcliffe Gardens Drive, Clontarf, QLD, 4019  
+61 7 3283 4511  
sampson\_office@bigpond.com

Emergency telephone number

Emergency telephone Poisons Information 131126 or Brennan Stark 0428 835 855

**SECTION 2: Hazard(s) identification**Classification of the substance or mixture

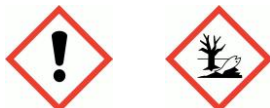
Physical hazards Not Classified

Health hazards Eye Irrit. 2A - H319

Environmental hazards Aquatic Acute 2 - H401 Aquatic Chronic 2 - H411

Label elements

## Hazard pictograms



Signal word WARNING

Hazard statements H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements P264 Wash contaminated skin thoroughly after handling.  
P273 Avoid release to the environment.

## Rinse Aid

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P391 Collect spillage.

P501 Dispose of contents/ container in accordance with national regulations.

### Other hazards

This product does not contain any substances classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

### SECTION 3: Composition and information on ingredients

#### Mixtures

Ethanol	10-30%
CAS number: 64-17-5	

ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED	10-30%
CAS number: 68439-51-0	

### SECTION 4: First aid measures

#### Description of first aid measures

General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
Skin Contact	Rinse with water.
Eye contact	Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

#### Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	Irritating to eyes.

#### Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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### SECTION 5: Firefighting measures

## Rinse Aid

### Extinguishing media

**Suitable extinguishing media** The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### Special hazards arising from the substance or mixture

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

**Hazchem Code** •3Z

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk.

### Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

### Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage, including how the chemical may be safely used

### Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

## Rinse Aid

### Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class Miscellaneous hazardous material storage.

### Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

## SECTION 8: Exposure controls and personal protection

### Control parameters Occupational exposure limits

Ethanol

Long-term exposure limit (8-hour TWA): 1000 ppm 1880 mg/m<sup>3</sup>

2-methylpropan-2-ol

Long-term exposure limit (8-hour TWA): 100 ppm 303 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 150 ppm 455 mg/m<sup>3</sup>

### Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a fullface respirator may be required instead.
Hand protection	No specific hand protection recommended. Avoid contact with skin.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection	Ensure all respiratory protective equipment is suitable for its intended use and complies with Australia/New Zealand Standard AS/NZS 1716. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Full face mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Half mask and quarter mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716.
Environmental exposure	Keep container tightly sealed when not in use. Emissions from ventilation or work process controls equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Coloured liquid.
Colour	Blue.
Odour	Almost odourless.
Specific Gravity	0.95

## Rinse Aid

### SECTION 10: Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### SECTION 11: Toxicological information

#### Information on toxicological effects Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

#### Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

#### Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

#### Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity Contains a substance/a group of substances which may cause cancer. IARC Group 1  
Carcinogenic to humans.

#### Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity development Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

## Rinse Aid

### Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation No specific symptoms known.

Ingestion No specific symptoms known.

Skin Contact No specific symptoms known.

Eye contact Irritating to eyes.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target Organs No specific target organs known.

## SECTION 12: Ecological information

Toxicity Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

### Persistence and degradability

Persistence and degradability The degradability of the product is not known.

### Bioaccumulative potential

Bioaccumulative Potential No data available on bioaccumulation.

### Mobility in soil

Mobility No data available.

### Other adverse effects

Other adverse effects None known.

## SECTION 13: Disposal considerations

### Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Dispose of waste via a licensed waste disposal contractor.

## SECTION 14: Transport information

### UN number

UN No. (ADG) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

### UN proper shipping name

## Rinse Aid

Proper shipping name (ADG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED)

### Transport hazard class(es)

ADG class	9
ADG classification code	M6
ADG label	9
IMDG class	9
ICAO class/division	9

### Transport labels



### Packing group

ADG packing group	III
IMDG packing group	III
ICAO packing group	III

### Environmental hazards

Environmentally hazardous substance/marine pollutant



### Special precautions for user

EmS F-A, S-F

## Rinse Aid

Hazchem Code                      •3Z

Transport in bulk according to        Not  
applicable. Annex II of MARPOL 73/78 and  
the IBC Code

### SECTION 15: Regulatory information

#### Inventories

Australia - AICS

None of the ingredients are listed or exempt.

### SECTION 16: Any other relevant information

Training advice                      Only trained personnel should use this material.

Revision date                      17/01/2023

Revision                              3

Supersedes date                      2/03/2018

SDS No.                              4786

General Information                      The following risk and hazard statements are to be considered a glossary. They relate to the raw materials used in this product and therefore may not be accurate for the finished product itself. For the complete risk and hazard statements for this product please refer to section 2 of this Safety Data Sheet

Hazard statements in full                      H319 Causes serious eye irritation.  
H401 Toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.