

**ENVIRO CHEMICALS AUST Pty Ltd**

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*"Products That Don't Cost The Earth"*

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## *All New* **ENVIRO RINSE AID**

### **MACHINE RINSE AID**

**ENVIRO RINSE AID** is a revolutionary designed special formula to eliminate water spotting on glassware and cutlery.

**ENVIRO RINSE AID's** unique low foaming new tech formula has a ***built-in descaler*** and contains a very effective ***water softening wetting agent***.

**ENVIRO RINSE AID** provides a superb, clear, streak free, spot free wash when used in conjunction with **ENVIRO DISHMATIC**.

**ENVIRO RINSE AID** is safe on stainless steel and silver cutlery. It also prevents glass from hazing.

**ENVIRO RINSE AID** is safe and it can be used with all types of commercial, domestic dishwashing and glass washing machines.

#### **Directions for use:**

**Commercial machines:** Automatic dispensers are usually fitted to machinery that automatically add Rinse Aid to the final rinse. Ask our agent or supplier to adjust your automatic dosage.

Follow your machine manufacturer's handbook for correct operating procedures and correct dosage levels.

**Domestic machines:** See your dishwasher / glasswasher instruction booklet for how to add Rinse Aid.

*You don't have to settle for second best to save money when cleaning.  
Step-up to the new level in Cleaning Detergents & Soaps.*

*Use Enviro Chemicals and you will never settle for second best again.*

*We trust this product will be of interest to you and for more info visit our Web site.  
Please do not hesitate to contact us if we can be of further assistance.*

## RINSE AID

### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Enviro Rinse Aid**  
Other Names: None  
Manufacturer's Product Code: EC-011  
Product Use: Machine rinse additive.

#### COMPANY DETAILS

**Company:** Enviro Chemicals (Aust.) Pty. Ltd.  
**Address:** 740 Woodville Rd. Fairfield East NSW 2165  
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**Web:** [www.envirochemicals.com.au](http://www.envirochemicals.com.au)  
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**Emergency Telephone Number: 131 126)**

### 2 HAZARDS IDENTIFICATION

**Not classified as hazardous according to criteria of Safe Work Australia.**

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients:

Chemical Entity:	CAS No.	Proportion:
Isopropyl alcohol	67-63-0	< 10%
Surfactants	non-haz	< 10%
Blue food dye	non-haz	< 10%
Water and	7732-18-5	
other non-hazardous ingredients		to 100%

### 4 FIRST AID MEASURES

**Poisons Information Centre: Phone 131 126**

**Swallowed:** If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting. Give a glass of water. Rinse mouth with water. Never give anything by mouth to an unconscious person.

**Eye:** Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin:** Remove any contaminated clothing and flush area with water. Seek medical attention in the event of irritation.

**Inhaled:** If effects occur, remove to fresh air and seek medical attention.

### 5 FIRE FIGHTING MEASURES

**Fire/Explosion Hazard:** Rinse Aid is not combustible.

**Fire extinguishing media:** Water spray or fog. Foam. Dry chemical powder. Carbon Dioxide.

**Special fire fighting procedures:** None.

**Unusual fire hazards:** None.

**Hazardous products of combustion:** Thermal decomposition in a large fire may yield toxic fumes.

### 6 ACCIDENTAL RELEASE MEASURES

Clean up all spills immediately. Contain spill and mop up.

If spilled on clothing, it should be removed and laundered before re-use.

### 7 HANDLING AND STORAGE

**Storage and Transport:** No restrictions on storage or transport.

**Incompatibility (materials to avoid for purposes of transport, handling and storage only):** None

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards:** Atmospheric Contaminant Exposure Standard:

Isopropyl alcohol CAS No. 67-63-0  
TWA = 400ppm (983 mg/cu.m)  
STEL = 500ppm (1,230 mg/cu.m)  
[Source: Safe Work Australia HSIS 2011]

**Engineering Controls:** Mechanical ventilation: Not required.

**Personal Protection:**

Gloves - Wear rubber gloves if prolonged skin contact is anticipated.  
Eye Protection - Not normally required.  
Other - Not required.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear blue liquid  
**Odour:** Alcohol odour  
**pH =** 4 – 5  
**Vapour Pressure:** N/K  
**Vapour Density:** N/K  
**Boiling Point:** 90 - 100°C  
**Freezing Point:** < 0°C  
**Solubility:** Infinitely miscible  
**Specific Gravity (15°C):** 0.9 – 1.0  
**Evaporation rate:** N/K  
**% Volatile by vol:** 80 – 95%

### 10 STABILITY AND REACTIVITY

Stable.

Hazardous polymerization: None.

## RINSE AID

### 11 TOXICOLOGICAL INFORMATION

Health Effects: Acute –

Swallowed: May cause slight irritation to the gastrointestinal tract. No other information available.

Eye: May cause discomfort. Prolonged contact causes slight irritation.

Skin: Brief exposures are not expected to cause any reactions.

Inhalation: Low risk of effects.

Health Effects: Chronic – none known

Toxicity Data: not available for mixture. The surfactants in Rinse Aid have exhibited low toxicity in toxicological tests (acute oral LD50's in rats of approx. 1200mg/kg on an active matter basis).

(Note: this data is from published information. Agar Cleaning Systems does not carry out animal tests).

### 12 ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence and degradability: Product is biodegradable.

Mobility: -

Advice: Avoid contaminating waterways.

### 13 DISPOSAL CONSIDERATIONS

Minor quantities can be disposed of to the sewer with plenty of water.

### 14 TRANSPORT INFORMATION

UN No.: - not reg	Class: -	Packg.Group: -	Hazchem: - non-haz
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### 15 REGULATORY INFORMATION

Poisons Schedule Number: Not classed as a poison.

### 16 OTHER INFORMATION

**AICS Listing:** All components of Rinse Aid are listed on the Australian Inventory of Chemical Substances (AICS).

Date: This SDS issued: 08<sup>th</sup> June 2013

#### Abbreviations and Definitions of terms used:

<	less than
>	greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
COD	Chemical Oxygen Demand
deg C	Degrees Celsius
g	gram
g/L	grams per litre
HSIS	Hazardous Substance Information System
kg	kilogram
L	Litre

LC50	The concentration of a material (inhaled) that will be lethal to 50% of the test animals.
LD50	The dose (swallowed all at once) which is lethal to 50% of a group of test animals.
m3	Cubic metre
mg	milligram
mg/m3	milligrams per cubic metre
miscible	A liquid that mixes homogeneously with another liquid
N/A	Not applicable
N/K	Not Known
NIOSH	National Institute for Occupational Safety and Health
non-haz	Non- hazardous
PEL	Permissible Exposure Limit
ppb	Parts per billion
ppm	Parts per million
STEL	Short term exposure limit
TLV	Threshold Limit Value
TWA	Time Weighted average
UN	United Nations (Number)
wt	weight

The information in this Data Sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Agar Cleaning Systems accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

End of SDS.