

**MATERIAL SAFETY DATA SHEET**

# Pacific Rinse Aid

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**SECTION 1.**

## Identification of the Substance and Supplier

<b>PRODUCTS APPLICABLE</b>	Pacific Rinse Aid: 5L, 20L
<b>PRODUCT USE</b>	Rinse aid, wetting agent
<b>SUPPLIER</b>	Simms Jones Ltd, 217 Lichfield St, Christchurch
<b>PHONE</b>	(03) 366 5769
<b>FAX</b>	(03) 365 4727
<b>E-MAIL</b>	cleanser@simmsjones.co.nz
<b>EMERGENCY CONTACT</b>	Craig Keenan 027 291 6181

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**SECTION 2.**

## Hazards Identification

### HAZARDS

Skin corrosion/irritation Category 2, Serious eye damage/eye irritation Category 2B, Aquatic toxicity (Acute) Category 3

### HAZARD STATEMENTS

Warning. Causes eye irritation. Causes skin irritation. Harmful to aquatic life.

### PREVENTION STATEMENTS

Read label before use. Wear protective gloves and eye/face protection.  
Wash hands thoroughly after handling. Avoid release to the environment.

### RESPONSE STATEMENTS

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 attention.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use.  
If skin irritation occurs: Get medical attention.

### DISPOSAL STATEMENT

Triple rinse empty container before offering for recycling or disposal.

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SECTION 3.

### Composition and Information on Ingredients

INGREDIENT	PROPORTION	CAS NUMBER
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (Emulan TXI)	<20%	166736-08-9

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SECTION 4.

### First Aid Measures

**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 attention.

**IF ON SKIN:** Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: Get medical attention.

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SECTION 5.

### Fire-Fighting Measures

<b>EXTINGUISHING MEDIA</b>	Foam, CO <sub>2</sub> , dry chemical, or water fog
<b>COMBUSTION PRODUCTS</b>	Toxic fumes and oxides of carbon and phosphorus
<b>FIRE-FIGHTING PROCEDURES</b>	Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to decomposition products

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SECTION 6.

### Accidental Release Measures

<b>EMERGENCY PROCEDURES</b>	No special procedures required
<b>ENVIRONMENTAL PRECAUTIONS</b>	Avoid release to the environment
<b>SPILL CONTROL</b>	Collect leaking liquid in sealable containers, absorb liquid in inert absorbent, and wash contaminated area with plenty of water

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SECTION 7.

### Handling and Storage

<b>HANDLING PRECAUTIONS</b>	Wear protective gloves and eye/face protection. Product residue may remain on/in empty containers. Use all precautions for handling the product in handling the empty container and residue.
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<b>STORAGE</b>	Store in a cool, dry place.
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## SECTION 8.

### Exposure Controls/Personal Protection

EXPOSURE LIMITS	8 h TWA = 2008 mg/m <sup>3</sup>
ENGINEERING CONTROLS	Ensure ventilation is adequate. Keep containers closed.
RESPIRATORY PROTECTION	No respiratory protection required
PROTECTIVE GLOVES	Nitrile rubber
EYE PROTECTION	Splash-proof goggles

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## SECTION 9.

### Physical and Chemical Properties

APPEARANCE	Clear blue liquid
ODOUR	Slight odour
ODOUR THRESHOLD	Not Available
pH	2-2.5
MELTING POINT/FREEZING POINT	<0°C
INITIAL BOILING POINT	>100°C
FLASH POINT	Not Flammable
FLAMMABILITY	Not Flammable
FLAMMABILITY OR EXPLOSIVE LIMITS	Not Flammable
VAPOUR PRESSURE	Not Determined
VAPOUR DENSITY	Not Determined
RELATIVE DENSITY	1.00
SOLUBILITY	Completely miscible with water
PARTITION CO-EFFICIENT: n-OCTANOL/WATER	Not Determined
AUTO-IGNITION TEMPERATURE	Not Applicable
DECOMPOSITION TEMPERATURE	153°C
KINEMATIC VISCOSITY	8.9x10 <sup>-7</sup> m <sup>2</sup> /s

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## SECTION 10.

### Stability and Reactivity

REACTIVITY	No dangerous reactions
STORAGE CONDITIONS	No special conditions required
INCOMPATIBLE SUBSTANCES	Strong oxidising and reducing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Toxic fumes and oxides of carbon and phosphorus

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## SECTION 11.

### Toxicological Information

<b>ACUTE TOXICITY</b>	No acute effects
<b>SKIN CORROSION/IRRITATION</b>	Causes skin irritation
<b>SERIOUS EYE DAMAGE/IRRITATION</b>	Causes eye irritation
<b>RESPIRATORY OR SKIN SENSITISATION</b>	No sensitisation
<b>GERM CELL MUTAGENICITY</b>	No data available
<b>CARCINOGENICITY</b>	Not carcinogenic
<b>REPRODUCTIVE TOXICITY</b>	No reproductive toxicity
<b>SPECIFIC TARGET ORGAN TOXICITY</b>	
-SINGLE EXPOSURE	No specific organ toxicity
-REPEATED EXPOSURE	No specific organ toxicity
<b>ASPIRATION HAZARD</b>	No aspiration hazard

#### EMULAN TXI TOXICITY

##### EYE

SPECIES: Rabbit  
RESULT: Irritant  
SOURCE: SDS, BASF Ludwigshafen, Germany

##### SKIN

SPECIES: Rabbit  
RESULT: Irritant  
SOURCE: SDS, BASF Ludwigshafen, Germany

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## SECTION 12.

### Ecological Information

<b>BIODEGRADABILITY</b>	Rapidly Degradable
<b>BIOACCUMULATIVE POTENTIAL</b>	Not Bioaccumulative
<b>MOBILITY IN SOIL</b>	Not Determined

#### EMULAN TXI ECOTOXICITY

STUDY: Fish, 96 h, LC<sub>50</sub>  
VALUE: 10 - 100 mg/L  
SOURCE: SDS, BASF Ludwigshafen, Germany

STUDY: Aquatic invertebrates, 48 h, EC<sub>50</sub>  
VALUE: 10 - 100 mg/L  
SOURCE: SDS, BASF Ludwigshafen, Germany

STUDY: Aquatic plants, 72 h, EC<sub>50</sub>  
VALUE: 10 - 100 mg/L  
SOURCE: SDS, BASF Ludwigshafen, Germany

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## SECTION 13.

### Disposal Considerations

<b>DISPOSAL</b>	Triple rinse empty container before offering for recycling or disposal
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#### SECTION 14.

### Transportation Information

UN NUMBER	Not hazardous for transport
SHIPPING NAME	Pacific Rinse Aid
DANGEROUS GOODS CLASS	Not hazardous for transport
UN PACKING GROUP	Not hazardous for transport
ENVIRONMENTAL HAZARDS	Harmful to aquatic life
SPECIAL PRECAUTIONS	No special precautions required

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#### SECTION 15.

### Regulatory Information

HSNO APPROVAL NUMBER	HSR002530
GROUP STANDARD	Cleaning Products (Subsidiary Hazard) Group 2017
SPECIAL REQUIREMENTS	Not Applicable

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#### SECTION 16.

### Other Information

Date Issued: 28-5-2018

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#### ABBREVIATIONS

##### **8 h TWA (Time-Weighted Average)**

The time-weighted average airborne concentration of a substance when calculated over an eight-hour working day for a five-day working week.

##### **EC<sub>50</sub> (Half maximal effective concentration)**

The concentration of a drug, antibody, or toxicant which induces a response halfway between the baseline and maximum after a specified exposure time.

##### **LC<sub>50</sub> (Lethal Concentration 50%)**

The concentration of a drug, antibody, or toxicant that kills half of a population.

##### **UN**

United Nations

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