



## SAFETY DATA SHEET

### Juice Rapid Wash and Wax

According to *Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice*, 2011

#### SECTION 1: Identification: Product Identifier and Chemical Identity

##### Product Identifier

**Product name** Juice Rapid Wash and Wax  
**Product no.** JPRWW500

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

**Application** Car maintenance product - Auto shampoo  
**Uses advised against** For professional use only. This product is not recommended for any other industrial, professional or consumer use other than specified above.

##### Details of the supplier of the Safety Data Sheet

**Supplier** Sydney Automotive Paint and Equipment Pty Ltd  
Unit A3, 366 Edgar Street  
Condell Park  
NSW 2200  
Australia  
Tel: +61 2 9772 9000  
Email: [reception@sape.com.au](mailto:reception@sape.com.au)  
[www.juicepolishes.com.au](http://www.juicepolishes.com.au)  
[www.sape.com.au](http://www.sape.com.au)

**NZ Distributor** Resene Automotive & Light Industrial  
4 Te Apunga Place  
Sylvia Park  
Auckland  
NZ 1641  
Tel: +64 9 259 2738  
[www.resene.co.nz](http://www.resene.co.nz)

##### Emergency Information

**Emergency telephone** NZ Poison Information Centre 0800 764 766 or +64 3 479 7248  
**General medical information** +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)  
**Transport information** +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)

## Juice Rapid Wash and Wax

### SECTION 2: Hazard(s) Identification

#### Classification of the substance or mixture

**Physical and health hazards** Classified as hazardous according to New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations, 2001

Not classified as a dangerous good according to NZS 5433:2012, Transport of Dangerous Goods on Land, UN, IMDG and IATA.

**HSNO Classification**

Substances that are irritating to the skin	Category 6.3A
Substances that are corrosive to ocular tissue	Category 8.3A

**Environmental hazards** Substances that are harmful in the aquatic environment Category 9.1C

#### Label elements

##### GHS hazard symbols



**GHS signal word** Danger

**Hazard statements**

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H412 - Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273 - Avoid release to the environment.

P280 - Wear protective gloves.

P280 - Wear eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

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

P362+P364 - Take off contaminated clothing and wash before reuse.

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

**Contains** Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched; 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts; coconut diethanolamide; dicocodimethylammonium chloride

#### Other hazard information

This product does not contain any substances classified as PBT or vPvB.

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### SECTION 3: Composition and Information on Ingredients

The product is a mixture.

<b>Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.- 5&lt;10% hydroxy-, branched</b> CAS number 127087-87-0	GHS Hazardous: Y	5<10%
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl- 3&lt;5% ,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</b> CAS number 147170-44-3	GHS Hazardous: Y	3<5%
<b>Coconut diethanolamide</b> CAS number 68155-07-7	GHS Hazardous: Y	2<3%
<b>Dicocodimethylammonium chloride</b> CAS number 61789-77-3	GHS Hazardous: Y	1<2%
<b>Propan-2-ol</b> CAS number 67-63-0	GHS Hazardous: Y	0.2<0.5%
<b>Diethanolamine</b> CAS Number 111-42-2	GHS Hazardous: Y	0.2<0.5%

### SECTION 4: First Aid Measures

#### Description of first aid measures

<b>General information</b>	Get medical attention immediately. Show this Safety Data Sheet to any medical personnel.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place
<b>Ingestion</b>	Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
<b>Skin Contact</b>	It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove

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contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

**General information** See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation** Prolonged inhalation of high concentrations may damage respiratory system.

**Ingestion** May cause sensitisation or allergic reactions in sensitive individuals. May cause irritation.

**Skin contact** May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.

**Eye contact** Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

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

**Notes for the doctor** Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.

## SECTION 5: Fire Fighting Measures

### 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 harmful gases or vapours.

### Advice for firefighters

**Protective actions** 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

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protect men stopping the leak. 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

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.

## SECTION 6: Accidental Release Measures

### Precautions, protective equipment and emergency procedures

#### Personal precautions

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage.

#### Environmental precautions

Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

### 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. Reuse or recycle products wherever possible. Approach the spillage from upwind. Small Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Large Spillages: If leakage cannot be stopped, evacuate area. Flush spilled material into an effluent treatment plant, or proceed as follows. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labelled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Following dilution, discharge to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 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

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### 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. CLP only - Suspected of damaging fertility. Suspected of damaging the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

#### Occupation hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

### Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store in accordance with local regulations. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

#### Storage class

Miscellaneous hazardous material storage.

### Specific end use(s)

#### Specific end use

The identified uses for this product are detailed in Section 1.

## SECTION 8: Exposure Controls and Personal Protection

### Occupational exposure limits

Propan-2-ol	Long-term exposure limit (8-hour TWA):	400 ppm	983 mg/m <sup>3</sup>
	Short-term exposure limit (15-minute):	500 ppm	1230 mg/m <sup>3</sup>
Diethanolamine	Long-term exposure limit (8-hour TWA):	3 ppm	13 mg/m <sup>3</sup>

### Exposure controls

#### Protective equipment



#### Engineering controls

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective

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equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with Australia/New Zealand Standard AS/NZS 1337. Wear tight-fitting, chemical splash goggles. If inhalation hazards exist, a full-face respirator may be required instead.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

### Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

### Hygiene measures

Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

### Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. 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 control

Keep container tightly sealed when not in use. Emissions from ventilation or work process 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. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Orange.
Odour	Faint tropical scent.

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<b>pH</b>	Concentrated solution: ~7
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability Limit - Lower(%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Solubility Value (g/100g H<sub>2</sub>O)</b>	Miscible with water. Soluble in water.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

### SECTION 10: Stability and Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include 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.
ATE oral (mg/kg)	6,802.72

##### **Acute toxicity - dermal**

Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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##### **Acute toxicity - inhalation**

Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.
ATE inhalation (vapours mg/l)	444.44

##### **Skin corrosion/irritation**



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Animal data	Irritating.
<b>Serious eye damage/irritation</b>	
Serious eye damage/irritation	Eye Dam. 1 - H318 Causes serious eye damage.
<b>Respiratory sensitisation</b>	
Respiratory sensitisation	Based on available data the classification criteria are not met.
<b>Skin sensitisation</b>	
Skin sensitisation	May cause skin sensitisation or allergic reactions in sensitive individuals.
<b>Germ cell mutagenicity</b>	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
<b>Carcinogenicity</b>	
Carcinogenicity IARC carcinogenicity	Based on available data the classification criteria are not met. Contains a substance which may be potentially carcinogenic. IARC Group 2B Possibly carcinogenic to humans.
<b>Reproductive toxicity</b>	
Reproductive toxicity-fertility Reproductive toxicity-development	CLP only - Suspected of damaging fertility. Suspected of damaging the unborn child.
<b>Specific target organ toxicity - single exposure</b>	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
<b>Specific target organ toxicity - repeated exposure</b>	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
<b>Aspiration hazard</b>	
Aspiration hazard	Based on available data the classification criteria are not met.
<b>General information</b>	Avoid contact during pregnancy/while nursing. CLP only - May damage fertility. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Prolonged inhalation of high concentrations may damage respiratory system.
<b>Ingestion</b>	May cause sensitisation or allergic reactions in sensitive individuals. May cause irritation.
<b>Skin Contact</b>	May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
<b>Route of entry</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target organs</b>	No specific target organs known.
<b>Medical symptoms</b>	No specific symptoms known.
<b>Medical considerations</b>	Skin disorders and allergies.

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### Toxicological information on ingredients.

#### Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-,branched

##### **Acute toxicity – oral**

Notes (oral LD<sub>50</sub>) Acute Tox. 4 - H302 Harmful if swallowed.

ATE oral (mg/kg) 500.0

##### **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 Irritating

##### **Serious eye damage/irritation**

Serious eye damage/irritation Eye Dam. 1 - H318 Causes serious eye damage.

##### **Respiratory sensitisation**

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

##### **Skin sensitisation**

Skin sensitization 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 None of the ingredients are listed or exempt.

##### **Reproductive toxicity**

Reproductive toxicity-fertility CLP only - Suspected of damaging fertility.

Reproductive toxicity-development Suspected of damaging the unborn child.

##### **Specific target organ toxicity - single exposure**

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

##### **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**

Avoid contact during pregnancy/while nursing. CLP only - May damage fertility. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

##### **Inhalation**

Prolonged inhalation of high concentrations may damage respiratory system.

##### **Ingestion**

May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.

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<b>Skin contact</b>	Redness. Irritating to skin.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
<b>Route of entry</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target organs</b>	No specific target organs known.

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs.,hydroxides, inner salts

**Other health effects** There is no evidence that the product can cause cancer.

#### **Acute toxicity – oral**

Oral (LD<sub>50</sub> mg/kg) 7,783.0 Rat

#### **Acute toxicity - dermal**

Dermal (LD<sub>50</sub> mg/kg) 2,066 Rat

#### **Skin sensitisation**

Skin sensitization Not sensitising.

#### **Reproductive toxicity**

Reproductive toxicity-development NOAEL: 1,000 mg/kg, Oral, Rat

#### **Specific target organ toxicity - single exposure**

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

#### **Specific target organ toxicity - repeated exposure**

STOT - repeated exposure NOAEL 300 mg/kg, Oral, Rat Not classified as a specific target organ toxicant after repeated exposure.

### Coconut diethanolamide

#### **Acute toxicity – oral**

Oral (LD<sub>50</sub> mg/kg) 5,000.0 Rat

#### **Acute toxicity - dermal**

Dermal (LD<sub>50</sub> mg/kg) 2,000 Rat

#### **Acute toxicity - inhalation**

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

#### **Skin corrosion/irritation**

Animal data Irritating.

#### **Serious eye damage/irritation**

Serious eye damage/irritation Eye Dam. 1 - H318 Causes serious eye damage.

#### **Respiratory sensitisation**

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

#### **Skin sensitisation**

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Skin sensitisation	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity</b>	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
<b>Carcinogenicity</b>	
Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	None of the ingredients are listed or exempt.
<b>Reproductive toxicity</b>	
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.
<b>Specific target organ toxicity - single exposure</b>	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
<b>Specific target organ toxicity - repeated exposure</b>	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
<b>Aspiration Hazard</b>	
Aspiration Hazard	Based on available data the classification criteria are not met.
<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Prolonged inhalation of high concentrations may damage respiratory system.
<b>Ingestion</b>	May cause irritation.
<b>Skin contact</b>	Redness. Irritating to skin.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
<b>Route of entry</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target organs</b>	No specific target organs known.

### Dicocodimethylammonium chloride

<b>Other health effects</b>	There is no evidence that the product can cause cancer.
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### Propan-2-ol

<b>Other health effects</b>	There is no evidence that the product can cause cancer.
<b>Acute toxicity – oral</b>	
Oral (LD <sub>50</sub> mg/kg)	5,840.0 Rat
<b>Acute toxicity - dermal</b>	
Dermal (LD <sub>50</sub> mg/kg)	16.4 Rabbit
<b>Respiratory sensitisation</b>	
Respiratory sensitisation	Not sensitising.

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### Skin sensitisation

Skin sensitisation Not sensitising.

### Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### Inhalation

Drowsiness, dizziness, disorientation, vertigo

### Ingestion

No specific health hazards known.

### Skin Contact

No specific health hazards known.

### Eye contact

Irritating to eyes.

### Diethanolamine

#### Acute toxicity – oral

Oral (LD<sub>50</sub> mg/kg) 1,600.0 Rat

ATE oral (mg/kg) 500.0

#### Acute toxicity - dermal

Dermal (LD<sub>50</sub> mg/kg) 8,200.0 Rabbit

ATE dermal (mg/kg) 8,200.0

### Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

## SECTION 12: Ecological Information

**Toxicity** Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

**Bioaccumulative potential** No data available on bioaccumulation.

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

**Mobility in soil** The product is water-soluble and may spread in water systems.

The product is non-volatile.

**PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects** None known.

### Ecological information on ingredients

#### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

**Ecotoxicity** Harmful to aquatic life.

**Acute toxicity-fish** LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity-aquatic invertebrates** EC50, 48 hours: 1.9 mg/l, Daphnia magna

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<b>Acute toxicity-aquatic plants</b>	EC <sub>50</sub> , 72 hours: 2.4 mg/l, Freshwater algae
<b>Acute toxicity-microorganisms</b>	EC <sub>0</sub> : 3,000 mg/l, Activated sludge
<b>Chronic toxicity-fish early life stage</b>	NOEC: 0.135 mg/l, Onchorhynchus mykiss (Rainbow trout)
<b>Chronic toxicity-quatic invertebrates</b>	NOEC: 0.3 mg/l, Daphnia magna
<b>Persistence and degradability</b>	The product is biodegradable.
<b>Bioaccumulative Potential</b>	The product does not contain any substances expected to be bioaccumulating. BCF: 71
<b>Mobility</b>	The product is soluble in water.

### Coconut diethanolamide

<b>Ecotoxicity</b>	This product is mildly toxic to aquatic organisms.
<b>Toxicity</b>	Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects
<b>Acute toxicity-fish</b>	LC <sub>50</sub> , 96 hours: 2.4 mg/l, Fish
<b>Acute toxicity-aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 3.2 mg/l, Daphnia magna
<b>Acute toxicity-aquatic plants</b>	LC <sub>50</sub> , 72 hours: 3.9 mg/l, Algae
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Mobility</b>	The product is water-soluble and may spread in water systems. The product is non- volatile.

### Propan-2-ol

<b>Ecotoxicity</b>	The product is not expected to be hazardous to the environment.
<b>Acute toxicity-fish</b>	LC <sub>50</sub> , 96 hours: ~ 9640 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity-aquatic invertebrates</b>	EC <sub>50</sub> , >: > 1000 mg/l, Daphnia magna
<b>Acute toxicity-aquatic plants</b>	EC <sub>50</sub> , 72 hours: > 1000 mg/l, Scenedesmus subspicatus
<b>Acute toxicity-microorganisms</b>	EC <sub>50</sub> , >: > 1000 mg/l, Activated sludge
<b>Persistence and degradability</b>	The product is expected to be biodegradable.
<b>Biodegradation</b>	Degradation 95%, 21 days
<b>Biological oxygen demand</b>	~ 1171 g O <sub>2</sub> /g substance
<b>Chemical oxygen demand</b>	~ 2294 g O <sub>2</sub> /g substance

## Juice Rapid Wash and Wax

<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
<b>Partition coefficient</b>	log Pow: 0.05
<b>Mobility</b>	The product is soluble in water
<b>Adsorption/desorption coefficient</b>	Water - Koc: ~ 1.1 @ °C
<b>Henry's law constant</b>	0.00000338 atm m <sup>3</sup> /mol @ 25°C

### Diethanolamine

<b>Ecotoxicity</b>	The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.
<b>Acute toxicity-fish</b>	LC <sub>50</sub> , 96 hours: > 1 mg/l, Freshwater fish
<b>Persistence and degradability</b>	The product is biodegradable.
<b>Mobility</b>	The product is soluble in water.

### Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-,branched

<b>Toxicity</b>	Aquatic Acute 1 - H400 Very toxic to aquatic life.	
<b>Acute aquatic toxicity</b>	LE(C) <sub>50</sub>	0.1 < L(E)C <sub>50</sub> ≤ 1
<b>M factor (acute)</b>	1	
<b>Persistence and degradability</b>	The degradability of the product is not known.	
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.	
<b>Mobility</b>	The product is water-soluble and may spread in water systems. The product is non- volatile.	

### Dicocodimethylammonium chloride

<b>Acute aquatic toxicity</b>	LE(C) <sub>50</sub>	0.1 < L(E)C <sub>50</sub> ≤ 1
<b>M factor (acute)</b>	1	
<b>Acute toxicity-fish</b>	LC <sub>50</sub> , 96 hours: 0.195 mg/l, Fish	
<b>Acute toxicity-aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.01-0.1 mg/l, Daphnia magna	
<b>Persistence and degradability</b>	The product is biodegradable.	
<b>Bioaccumulative potential</b>	The product does not contain any substances expected to be bioaccumulating.	

## Juice Rapid Wash and Wax

**Mobility** The product is soluble in water.

### 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. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. 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 surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

### SECTION 14: Transport Information

##### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

##### **UN number**

Not applicable.

##### **UN proper shipping name**

Not applicable.

##### **Transport hazard class(es)**

No transport warning sign required.

##### **Packing group**

Not applicable.

##### **Environmentally hazardous substance/marine pollutant**

No

##### **Special precautions for user**

Not applicable.

##### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable.



## Juice Rapid Wash and Wax

### SECTION 15: Regulatory Information

#### Inventories

**Australia – AICS** All the ingredients are listed or exempt.

**NZIoC** All the ingredients are listed or exempt.

**HSNO Approval Code** HSR002670

<b>HSNO Classification</b>	Substances that are irritating to the skin	Category 6.3A
	Substances that are corrosive to ocular tissue	Category 8.3A
	Substances that are harmful in the aquatic environment	Category 9.1C

### SECTION 16: Any Other Relevant Information

**General information** This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems. Only trained personnel should use this material.

**Training advice** Read and follow manufacturer's recommendations. Only trained personnel should use this material.

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

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