



SAFETY DATA SHEET

Juice Race 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 Race Wax
Product no. JPRW473, JPRW378

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

Application Car maintenance - detail
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
www.juicepolishes.com.au
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

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 Race 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

Germ cell mutagenicity	Category 6.6A
Carcinogenicity	Category 6.7A

Environmental hazards Hazardous to the aquatic environment, acute Category 9.1D

Label elements

GHS hazard symbols



GHS signal word Danger

Hazard statements

H227	Combustible liquid.
H340	May cause genetic defects.
H350	May cause cancer.
H402	Harmful to aquatic life.

Precautionary statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313	If exposed or concerned: Get medical advice/attention.
P405	Store locked up.

Hazards not otherwise classified

None known.

Juice Race Wax

SECTION 3: Composition and Information on Ingredients

The product is a mixture.

Alcohols, C8-22, ethoxylated CAS number 69013-19-0	GHS Hazardous: Y	0<5%
Amyl acetate CAS number 628-63-7	GHS Hazardous: Y	0<5%
Benzaldehyde CAS number 100-52-7	GHS Hazardous: Y	0<5%
Ethyl acetate 99% CAS number 141-78-6	GHS Hazardous: Y	0<5%
Methanol CAS number 67-56-1	GHS Hazardous: Y	0<5%
Naphtha, petroleum, heavy alkylate CAS number 64741-65-7	GHS Hazardous: Y	0<5%
Propylene glycol CAS number 57-55-6	GHS Hazardous: N	0<5%
Sodium hydroxide CAS number 1310-73-2	GHS Hazardous: Y	0<5%
White mineral oil CAS number 8042-47-5	GHS Hazardous: N	0<5%
Other components Non hazardous/below reportable limits		90 -100%

SECTION 4: First Aid Measures

Description of first aid measures

General information	If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth thoroughly with water. Remove any dentures. Get medical attention if symptoms occur.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Juice Race Wax

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

Eye contact Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor Provide general supportive measures and treat symptomatically. Keep victim under observation, symptoms may be delayed.

SECTION 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media 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 During fire, gases hazardous to health may be formed.

Advice for firefighters

Protective actions In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

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.

Hazchem Not applicable

SECTION 6: Accidental Release Measures

Precautions, protective equipment and emergency procedures

Personal precautions Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Juice Race Wax

Environmental precautions Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and Storage

Precautions for safe handling

Usage precautions Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid prolonged exposure. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment.

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 locked up. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of SDS).

Storage class Chemical 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

US. ACGIH Threshold Limit Values

Amyl Acetate 628-63-7 Short-term exposure limit (STEL): 100 ppm

Juice Race Wax

		Long-term exposure limit (TWA): 50 ppm
Ethyl Acetate 99%	141-78-6	Long-term exposure limit (TWA): 400 ppm
Methanol	67-56-1	Short-term exposure limit (STEL): 250 ppm Long-term exposure limit (TWA): 200 ppm
Sodium Hydroxide	1310-73-2	Ceiling 2 mg/m ³
White Mineral Oil	8042-47-5	Long-term exposure limit (TWA): 5 mg/m ³ mist

US. NIOSH: Pocket Guide to Chemical Hazards

Amyl Acetate	628-63-7	Long-term exposure limit (TWA): 525 mg/cm ³
Ethyl Acetate 99%	141-78-6	Long-term exposure limit (TWA): 1400 mg/cm ³ 100ppm
Methanol	67-56-1	Short-term exposure limit (STEL): 325 mg/cm ³ 250 ppm Long-term exposure limit (TWA): 260 mg/cm ³ 200 ppm
Sodium Hydroxide	1310-73-2	Ceiling 2 mg/m ³ 100ppm
Naphtha, Petroleum, Heavy	64741-65-7	Long-term exposure limit (TWA): 400 mg/cm ³ 100 ppm
White Mineral Oil	8042-47-5	Short-term exposure limit (STEL): 10 mg/m ³ mist Long-term exposure limit (TWA) : 5 mg/m ³ mist

Exposure controls

Engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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. The following protection should be worn: Chemical respirator with organic vapor cartridge and full facepiece.

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/manufacturer, 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, such as an apron, complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Juice Race Wax

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.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate inhalation. Large spillages: if ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure control	Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
Odour	Fruity.
pH	Not available.
Melting point	Not available.
Initial boiling point and range	79°C
Flash point	>98°C (closed cup)
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.00001 hPa (estimated)
Vapour density	Not available.
Relative density	0.84 g/cm ³ (estimated)
Solubility Value (g/100g H₂O)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
% Volatile	90.58% (w/w)

SECTION 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of use.

Juice Race Wax

Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition	No hazardous decomposition products are known.

SECTION 11: Toxicological Information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

Benzaldehyde (100-52-7)	Dermal LD₅₀	Guinea pig	> 2000 mg/kg
		Rabbit	> 1250 mg/kg
Ethyl Acetate 99% (141-78-6)	Oral LD₅₀	Guinea pig	1000 mg/kg
		Rat	1300 mg/kg
	Inhalation LC₅₀	Rat	16000 ppm, 6h
		Mouse	1500 ppm, 4h
		Rabbit	2500 ppm, 4h
	Oral LD₅₀	Rat	4000 ppm, 4h
		Mouse	0.44 g/kg
Rabbit		4.9 g/kg	
Methanol (67-56-1)	Dermal LD₅₀	Rabbit	11.3 ml/kg
			5.6 g/kg
	Inhalation LC₅₀	Rabbit	15800 mg/kg
		Cat	85.41 mg/l, 4.5h
		Rat	43.68 mg/l, 6h
	Oral LD₅₀	Rat	64000 ppm, 4h
			87.5 mg/l, 6h
		Dog	8000 mg/kg
		Monkey	2 g/kg
		Mouse	7300 mg/kg
Naphtha, Petroleum, Heavy (64741-65-7)	Inhalation LC₅₀	Rabbit	14.4 g/kg
		Rat	5628 mg/kg
	Oral LD₅₀	Rat	61 mg/l, 4 Hours
		Rat	> 25 ml/kg
		Dog	19 g/kg
Propylene Glycol (57-55-6)	Oral LD₅₀	Guinea pig	18.4 g/kg
		Mouse	23.9 g/kg
		Rabbit	18 g/kg
		Rat	30 g/kg

Juice Race Wax

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	May cause genetic defects.
Carcinogenicity	May cause cancer.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful.

SECTION 12: Ecological Information

Ecotoxicity Harmful to aquatic life.

Components

Amyl Acetate (628-63-7)

Aquatic

Fish LC ₅₀	Western mosquitofish (<i>Gambusia affinis</i>)	65 mg/l, 96h
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Benzaldehyde (100-52-7)

Aquatic

Fish LC ₅₀	Bluegill (<i>Lepomis macrochirus</i>)	0.8 - 1.44 mg/l, 96h
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Ethyl Acetate 99% (141-78-6)

Aquatic

Fish LC ₅₀	Indian catfish (<i>Heteropneustes fossilis</i>)	200.32 - 225.42 mg/l, 96h
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Glycerine (56-81-5)

Aquatic

Fish LC ₅₀	Rainbow trout (<i>Oncorhynchus mykiss</i>)	51000 - 57000 mg/l, 96h
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Methanol (CAS 67-56-1)

Aquatic

Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	> 10000 mg/l, 48h
Fish LC ₅₀	Fathead minnow (<i>Pimephales promelas</i>)	> 100 mg/l, 96 hours

Naphtha, Petroleum, Heavy Alkylate (64741-65-7)

Aquatic

Crustacea EC ₅₀	Water flea (<i>Daphnia pulex</i>)	2.7 - 5.1 mg/l, 48 hours
Fish LC ₅₀	Rainbow trout (<i>Oncorhynchus mykiss</i>)	8.8 mg/l, 96h

Propylene Glycol (57-55-6)

Aquatic

Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	> 10000 mg/l, 48h
Fish LC ₅₀	Fathead minnow (<i>Pimephales promelas</i>)	710 mg/l, 96h

Juice Race Wax

Sodium Hydroxide (1310-73-2)

Aquatic

Crustacea EC ₅₀	Water flea (<i>Ceriodaphnia dubia</i>)	34.59 - 47.13 mg/l, 48h
Fish LC ₅₀	Western mosquitofish (<i>Gambusia affinis</i>)	125 mg/l, 96h

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Amyl Acetate	2.3
Benzaldehyde	1.48
Ethyl Acetate 99%	0.73
Glycerine	-1.76
Methanol	-0.77
Propylene Glycol	-0.92

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal Considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/ regional/ national/ international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residue/unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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.

Juice Race Wax

UN proper shipping name	Not applicable.	
Transport hazard class(es)	No transport warning sign required.	
Packing group	Not applicable.	
Hazchem	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.	

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	HSR002679	
HSNO Classification	Germ cell mutagenicity	Category 6.6A
	Carcinogenicity	Category 6.7A
	Hazardous to the aquatic environment, acute	Category 9.1D

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.
Issued by	Sydney Automotive Paints and Equipment Unit A3, 366 Edgar Street, Condell Park NSW, 2200, Australia www.sape.com.au reception@sape.com.au

Juice Race Wax

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