cleanerfuture.

Safety Data Sheet

RUSH.
RINSE AID

1. Identification

GHS Product identifier	Rinse Aid
Company Name	Cleaner Future Pty Ltd.
Address	9/8 Garden Road, CLAYTON VIC 3168
Telephone	(03) 9850 3055
Fax Number	(03) 9850 3011
Contact	info@cleanerfuture.com.au
Recommended use	Rinse aid for automatic dishwasher machines
Other Names	Rush-609 (Manufacturer's supply code)
Other Information:	Emergency contact: #13 11 26

2. Hazard Identification

NOT classified as hazardous according to the criteria of Worksafe Australia.
NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code version 7.

GHS classification	None allocated
Signal Word (s)	None
Hazard Statement(s)	None
Pictogram (s)	None

3. Composition/information on ingredients

Chemical Characterization Aqueous blend of surfactants.

Hazardous ingredients

Name	CAS no.	Proportion	Hazard symbol	Risk phrase

There are no hazardous components to declare in this product
KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 –29, LOW 1-9, V LOW <1

Non-hazardous proprietary ingredients to 100%

4. First-aid measures

Ingestion:	Rinse mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
Skin:	Wash off with soap and plenty of water. Consult a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically. Consult Poisons Information Centre
Other Information	For advice, contact the National Poisons Information Centre #13 11 26 or a doctor.

5. Fire-fighting measures

Suitable extinguishing media	Use extinguishing media most appropriate for the surrounding fire such as water, foam or dry agent (carbon dioxide, dry chemical powder). If safe to do so, move undamaged containers from the fire area If a significant quantity (>200L) of this product is involved in a fire, call the fire brigade.

Specific hazards arising from the chemical	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating.
Precautions in connection with fire	Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

6. Accidental release measures

Personal Precautions	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods-Small Spillages	Minor spills do not require special clean up measures or emergency procedures. Wear recommended personal protective equipment outlined in Section 8 when containing any spillage.
Large Spillages	Seek expert advice on handling and disposal.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

7. Handling and storage

Precautions for Safe Handling	Product is safe to handle under normal conditions of use.
Conditions for safe storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Incompatible products	None known
Incompatible materials	None known

8. Exposure controls/personal protection

Occupational exposure limit values

	STEL		TWA		
Name	**mg/m3**	**ppm**	**mg/m3**	**ppm**	**Footnote**

There are no occupational exposure limits set for this product or components in this product.

Appropriate engineering controls	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
Personal Protective Equipment	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
Respiratory Protection	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-face piece SCBA should be used. If respiratory protection is required; institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.
Eye Protection	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
Hand Protection	Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance. Recommendation: Nitrile rubber gloves.

Footwear	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
Body Protection	Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
Hygiene Measures	Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

9. Physical and chemical properties

Appearance	Clear blue liquid
Odour	Characteristic alcohol
Melting Point	~0 °C
Boiling Point	Not determined
Flash point	Not determined
Vapour Pressure	Not determined
Solubility	Soluble in water in all proportions.
Specific Gravity	0.95 g/cm^3 @ 20 °C
pH	6.5 – 7.5 as supplied
Viscosity	~60 cPs @ 20 °C
Percent volatile	> 80 %
Flammability limits	Not determined

10. Stability and reactivity

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	No special conditions. Refer to storage conditions in Section 7.
Incompatible Materials	None known.
Hazardous Decomposition products	Carbon monoxide and carbon dioxide. May release flammable gases.
Possibility of hazardous reactions	Not determined.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Acute toxicity	Harmful if swallowed.
Ethanol	LD50 oral rat 10740 mg/kg (Rat; Experimental value) LD50 dermal rabbit > 16000 mg/kg (Rabbit)

Health effects from the likely routes of exposure:

Inhalation	Not expected under normal conditions of use. Vapours may cause respiratory irritation.
Skin	Not expected to cause irritation.
Eye	May cause slight irritation/discomfort.
Ingestion	May result in irritation to the gastrointestinal tract.
Target Organs	There is no data to hand indicating any particular health effects on target organs.

12. Ecological information

Ecotoxicity No data available.

Persistence and degradability No data available.

Major ingredients are biodegradable and will not accumulate in soil or water or cause long term problems.

13. Disposal considerations

Disposal Considerations Avoid release of product to the environment. Product and containers not suitable for landfill. Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycling company. If this is not practical, send to a commercial waste disposal site. Check with Waste Disposal Authority before sending for recycling.

14. Transport information

U.N. Number None allocated

UN proper shipping name None allocated

Transport hazard class(es) None allocated

Hazchem Code None allocated

Packing Group None allocated

15. Regulatory information

Regulatory Information Ingredients listed in the Australian Inventory of Chemical Substances (AICS).

Poisons Schedule None allocated.

16. Other Information

Date of preparation or last revision of SDS 22 May, 2019

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.