

Material Safety Data Sheet Rinse Aid

Section 1. Identification

Product Name: RINSE AID

Recommended Use: Auto Dishwash Rinse Aid

Supplier: Genesis Industrial Pty Ltd, 4/25 Transport Avenue, Paget 4740 **Phone No:** 07 49522608

Emergency Phone No - 13 11 26 – Poisons Information Centre

Section 2. Hazards Identification

Hazard Classification NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

(Hazard classification according to the criteria of NOHSC.)

(Dangerous goods classification according to the Australia Dangerous Goods Code.)

Other Information

LD50 Surfactant > 3,100 mg/kg oral, mouse

Ethanol 7,060 mg/kg oral, rat

LC50 Ethanol: 38mg/L

Section 3. Composition Information

Chemical Characterisation: Liquid

Ingredient Name	CAS No	Proportions
Non Hazardous		Not applicable to 100%
Ethanol	64-17-5	0 - 10%

Section 4. First Aid

Swallowed: Give water to drink. DO NOT induce vomiting.

Eyes: Irrigate immediately with copious amounts of water for at least 15 minutes, holding eyelids open. See a doctor.

Skin: Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use.

Inhalation: Remove victim from exposure, to fresh air. Seek medical advice.

Section 5.

Fire Fighting Measures

Suitable Extinguishing Media. Use water or extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products. Water vapour, carbon dioxide. Incomplete combustion, after evaporation of water, may generate carbon monoxide.

Specific Methods In case of small fire/explosion use water. In case of major emergency use PPE: as required for other chemicals present.

Specific Hazards May show a momentary flash point at about 66 °C, but will not burn. In enclosed areas, vapours may collect in flammable or explosive concentrations.

Section 6. Accidental Release Measures

Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages.

CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages will be very slippery.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to sealed container and arrange removal by a disposal company.

Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.

Section 7. Handling and Storage

Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area.

Store in original container. Keep container tightly closed. Keep away from naked flames and other sources of ignition. No smoking. Take precautions against static discharge.

Prevent vapours from collecting in enclosed spaces. Keep away from oxidising agents.

Protect from physical damage.

Clean up all spills and splashes promptly; avoid secondary accidents.

Section 8. Exposure Controls and Personal Protection

National Exposure Standards	Name	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)	FootNote
	Ethanol				1000	ACGIH TWA

Engineering Controls Avoid sparks and naked flames. Consider local mechanical exhaust/extraction to keep airborne contamination below TLV.

Personal Protective Equipment Avoid contact with the skin and eyes. Avoid breathing the vapour. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
Safety glasses
Gloves, rubber or plastic
Overalls.
Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

Section 9. Physical and Chemical Properties

Form	Liquid
Appearance	Clear, blue, mobile liquid. Miscible with water in all proportions.
Odour	Smell of methylated spirits.
Boiling Point	No data. Solubility in Water Miscible with water in all proportions.
Specific Gravity	1.0
pH Value	Mildly acidic.
Flash Point	Momentary flash point at 66 °C (Open cup). Flammability May show a momentary flash point at about 66 °C, but will not burn. In enclosed areas, vapours may collect in flammable or explosive concentrations.

Flammable Limits – Lower 3.5% Ethanol **Flammable Limits - Upper** 18%

Other Information May react with strong oxidising agents. Slippery when spilled.

Section 10. Stability and Reactivity

Chemical Stability:	Stable under normal ambient storage conditions.
Conditions to Avoid:	Areas of poor ventilation
Incompatible Materials:	None known. Do not mix with other chemicals.
Hazardous Decomposition Products:	None known
Hazardous Reactions:	None known.

Section 11. Toxicological Information

Inhalation	Inhalation of ethanol vapours may lead to loss of co-ordination, nausea, dizziness, mental excitement and intoxication. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.
Ingestion	Harmful, May cause gastric upset, with nausea and vomiting. Risk of ethanol intoxication.
Skin	Will have a degreasing effect on the skin which may lead to irritation. Ethanol may be absorbed via the skin and may lead to intoxication symptoms.
Eye	Moderate irritant.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitic effects. Ethanol is a central nervous system depressant. Risk of alcoholism on repeated contact over a long time.

Section 12. Ecological Information

Ecotoxicity: Prevent spillages from entering natural waters, toxic to aquatic life.

Section 13. Disposal Considerations

Disposal Method: Refer to State/Territory Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

Section 14. Transport Information

Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Section 15. Regulatory Information

Poisons Schedule (SUSDP): Not Scheduled

Section 16. Other Information

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point Genesis Industrial Pty Ltd, Technical Manager

MSDS Date: 18th September 2011.