



SAFETY DATA SHEET

RINSE AID H

Revision date: 20.06.2024

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SECTION 1: Product and Company Identification

Product Identifier:

Name: RINSE AID H

Product Description:

Industrial Dishwasher Rinse Aid.

Industrial / Professional use spec:

Industrial use
For professional use

Uses advise against:

No information available.

Chemical Name:

Formulated product

UN No.:

3082 (Miscellaneous substances)

Details of the Supplier:

Prime Cleaning Suppliers (Pty) Ltd.

1 Mints Street
Old Mint Park
Louwlandia, 1683

Postal Address:

PO Box 2433
Halfway House
Midrand 1685


Telephone:

011 314 3014

Website:

www.primecs.co.za

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture	Not classified
<u>2.2 Label elements</u>	
Signal word:	Danger
Pictograms:	
Hazard statements:	H314 , Causes severe skin burns and eye



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	damage H318 –Causes serious eye damage
Precautionary statements:	P264 – Wash hands thoroughly after handling P280 – Wear eye protection, protective clothing, protective gloves P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.P310 – Immediately all a doctor.
Chemical hazards:	None if used as directed

SECTION 3: Composition/information on ingredients

Hazardous Components	%	CAS no.	Classification according to SANS 10234:2007	EEC CLASS	R-Phrases
Isopropanol	< 10%	67-63-0	Flam liq2,H225 Eye irrt 2A,H319	F, Xi	R11, R36, R67
Oxalic Acid	<5%	144-62-7	Acute toxicity, Oral (Category 4) Acute toxicity, Dermal (Category 4) Serious eye damage (Category 1)	Xn , Xi	R21/R22,R41
5-Chloro-2-methyl-4-isothiazoline-3-one	<5%	2682-20-4	Acute tox4, H332 Skin irrt2, H315 Eye irrt 2A, H319 Resp sens1, H334 Skin sens 1,H317	Xn, Xi, N	R20,R36,/38, R42/43,R51/53



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SECTION 4: First aid measures

Inhalation:	Immediately remove the patient to fresh air. If breathing is laboured or patient is not breathing, administer artificial respiration. Consult a doctor immediately.
Eye contact:	Flush eyes with clean water for at least 15 minutes and consult a doctor as soon as possible.
Skin contact:	In case of contact with skin, remove contaminated clothing immediately rinse with plenty of water and consult a doctor as soon as possible.
Ingestion:	Rinse out mouth and drink as much water as possible. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor immediately.

SECTION 5: Firefighting measures

Non-flammable	
Extinguishing media:	Water spray, carbon Dioxide, alcohol resistant foam, dry chemicals, sand.
Specific hazards:	Fumes containing sodium oxides may develop under fire conditions.
Protection during firefighting:	Protection of firefighters: wear positive-pressure, self-contained breathing apparatus and protective firefighting clothing.

SECTION 6: Accidental release measure

Personal precautions:	Use personal protective equipment. Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions:	Prevent contamination of surface and ground water. Prevent entry into sewers and



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	public waters. Notify authorities if liquid enters sewers or public waters.
Methods for cleaning up:	Soak up small spills with absorbent material, remove with rubber shovel and collect for disposal for large spills dike and pump into appropriate containers. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations.

SECTION 7: Handling and storage

Handling:	Avoid inhalation of vapour or mist. Avoid contact with skin and eyes.
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. Keep away from children.

SECTION 8: Exposure controls/personal protection

Engineering measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use only where access to clean running water is available.	
Personal protective equipment:	Respiratory	-
	Face	-
	Eyes	Safety eyewear
	Hands	Wear protective gloves
	Skin/body	Wear protective clothing



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SECTION 9: Physical and chemical properties

<u>Physical state</u>	
Form	Liquid
Colour	Blue
Odour	Slight Alcohol
pH	2 - 3
Solubility	Fully miscible in water
Wetting	-
Emulsification	-
Flash Point	-
Density	1.1 -1.15 g/cm ³

SECTION 10: Stability and reactivity

Stability:	Stable under normal storage conditions.	
Reactivity	Materials to avoid:	Contact with acids and organic halogen compounds, especially trichloroethylene, may cause violent reactions. Contact with nitromethane and other similar nitro compounds causes formation of shock-sensitive salts. Contact with metals such as aluminum, magnesium, tin, and zinc cause formation of flammable hydrogen gas. Sodium hydroxide, even in fairly dilute solution, reacts readily with various sugars to produce carbon monoxide. Also avoid strong oxidising agents and organic materials.
	Hazardous Decomposition products:	No data available.



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SECTION 11: Toxicological information

Acute toxicity	<u>Oxalic Acid</u> Oral rat LD50: 375 mg/kg; irritation skin rabbit: 500 mg/24H mild; eye rabbit 250 ug/24H severe; investigated as a reproductive effector.
Carcinogenicity	No data available.
Potential health effects	<u>Isopropanol</u> Central nervous system depression, prolonged or repeated exposure can cause: nausea, headache, vomiting, narcosis, drowsiness. Overexposure may cause mild, reversible liver effects.

SECTION 12: Ecological information

Toxicity:	Fish	<u>Isopropanol</u> LC50 - Pimephales promelas (fathead minnow) - 9.640,00 mg/l -96 h
	Daphnia	<u>Isopropanol</u> EC50 - Daphnia magna (Water flea) 5.102,00 mg/l - 24 h Immobilization EC50 - Daphnia magna (Water flea) - 6.851 mg/l - 24 h
	algae	<u>Isopropanol</u> EC50 - Desmodesmus subspicatus (green algae) - > 2.000,00 mg/l - 72h EC50 - Algae - > 1.000,00 mg/l - 24h
Biodegradability:	No data available.	
Bio accumulative Potential	No data available.	



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SECTION 13: Disposal considerations

Product waste disposal recommendation	Avoid release to the environment. Collect in appropriate containers and dispose of in accordance with local regulations.
Contaminated packaging	Avoid release to the environment. Dispose of in accordance with local regulations.

SECTION 14: Transport information

UN number:	No regulated for transport
Packaging group:	Not applicable
Marine Pollutant:	No
RAIL/ROAD (RID/ADR):	No additional information available
SEA (IMO/IMDG):	No additional information available
AIR (ICAO/IATA):	No additional information available

SECTION 15: Regulatory information

EEC regulations:	C – Corrosive	
Hazard Symbol:		
R-Phrases:	R34 -	Causes burns
	R22 -	Harmful if swallowed
S-Phrases:	S2 -	Keep out of reach of children
	S23 -	Do not breath gas/fumes/vapour/mist
	S24/25 -	Avoid contact with skin and eyes
	S26 -	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S27 -	Take off all contaminated clothing immediately
	S36/37/39	Wear suitable protective clothing, gloves and eye/face



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		protection
	S46 -	If swallowed, seek medical advice immediately and show this container
	S57 -	Use proper containment to prevent environmental contamination
	S61 -	Avoid release into the environment

SECTION 16: Other information

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended.

The classification was effectuated according to information derived from technical literature and supplier companies.

Information included in this document is based on our present state of knowledge; however, they do not assure the product properties and do not assume any legal condition.

The material safety data sheet completes the product information without replacing it.