



Infosafe No™	3CH9E	Issue Date : September 2012	RE-ISSUED by CHEMSUPP
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Product Name : **HYDROCHLORIC ACID 0.1M**

Not classified as hazardous

1. Identification

GHS Product Identifier HYDROCHLORIC ACID 0.1M
Company Name CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)
Address 38 - 50 Bedford Street GILLMAN
 SA 5013 Australia
Telephone/Fax Number Tel: (08) 8440-2000
 Fax: (08) 8440-2001
Recommended use of the chemical and restrictions on use Laboratory reagent.

Other Names	Name	Product Code
	HYDROCHLORIC ACID 0.1M (0.1N) Solution LR	HL014
Other Information	EMERGENCY CONTACT NUMBER: +61 08 8440 2000 Business hours: 8:30am to 5:00pm, Monday to Friday.	

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

2. Hazard Identification

GHS classification of the substance/mixture Not classified as hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004) 3rd Edition, Safe Work Australia].
 Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).
Other Information This substance is not classified according to Directive 67/548/EEC.

3. Composition/information on ingredients

Chemical Characterization	Ingredients				
Liquid	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Water	7732-18-5	>99.9-<100 %		
	Hydrochloric acid	7647-01-0	0-<0.1 %	C	R34, R37

4. First-aid measures

Inhalation Remove from exposure, rest and keep warm.
Ingestion Rinse mouth thoroughly with water immediately. If rapid recovery does not occur, obtain medical attention
Skin Wash affected areas with copious quantities of water immediately.
Eye contact Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If rapid recovery does not occur, obtain medical attention
First Aid Facilities Maintain eyewash fountain and drench facilities in work area.
Other Information For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Suitable extinguishing media Use fire extinguishing media appropriate for surrounding environment. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Specific hazards arising from the chemical Material does not burn.

6. Accidental release measures



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Spills & Disposal Mop up and wash to drain with copious volumes of water.**7. Handling and storage****Precautions for Safe Handling** No specific measures**Conditions for safe storage, including any incompatibilities** No specific measures required.**8. Exposure controls/personal protection**

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Hydrochloric acid			7.5	5	Hydrogen chloride Peak Limitation

Respiratory Protection Not normally required.**Eye Protection** Wear safety glasses or full face shield if splashes are likely to occur.**Hand Protection** No special precautions required.**Hygiene Measures** Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.**9. Physical and chemical properties**

Form	Liquid
Appearance	Clear, colourless to light yellow liquid.
Odour	Odourless.
Melting Point	Approximately 0 °C (based on data for water).
Boiling Point	Approximately 100 °C.
Solubility in Water	Miscible (soluble) in all proportions.
Specific Gravity	Approximately 1.
Vapour Pressure	Essentially the same as water; 0.527 Pa (10%).
Vapour Density (Air=1)	Essentially the same as water (0.62).
Evaporation Rate	Essentially the same as water (0.36) (BuAc=1).
Flammability	Non combustible material.

10. Stability and reactivity**Chemical Stability** Stable at normal temperatures, pressures and conditions of use or storage.**11. Toxicological Information**

Ingestion	No adverse effects expected.
Inhalation	No adverse effects expected.
Skin	No adverse effects expected.
Eye	No adverse effects expected.

12. Ecological information

Ecotoxicity	No adverse effects expected.
Environmental Protection	Do not allow to enter waters, waste water, or soil!



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13. Disposal considerations

Disposal Considerations	Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and disposed of according to relevant local, state and federal government regulations.
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14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. Regulatory information

Poisons Schedule	Not Scheduled
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16. Other Information

Literature References	<p>'Standard for the Uniform Scheduling of Medicines and Poisons No. 6', Commonwealth of Australia, February 2015.</p> <p>Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.</p> <p>National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.</p> <p>Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011.</p> <p>Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.</p> <p>Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.</p> <p>Safe Work Australia, 'Hazardous Substances Information System, 2005'.</p> <p>Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.</p> <p>Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]'.</p>
Contact Person/Point	<p>Paul McCarthy Ph. (08) 8440 2000</p> <p>DISCLAIMER STATEMENT:</p> <p>All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Chem-Supply accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.</p> <p>...End Of MSDS...</p>

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