



Section 1 Identification of Product and Supplier

Product Name: **HYDROCHLORIC ACID 15%**

Production No: **4839**

Other Names: Hydrochloric Acid Solution

Use: Various

Manufacturer: Nowra Chemical Manufacturers P/L Phone: 02 4421 4099 Fax: 02 4421 4932
112 Albatross Rd Nowra NSW 2541 email: sales@nowchem.com.au

Section 2 Hazards Identification

Hazardous according to the criteria of NOHSC

R35 Causes severe burns

R41 Risk of serious damage to eyes

R37 Irritating to respiratory system

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S23 Do not breathe vapour

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

Poisons Schedule : 5

Section 3 Composition / Information On Ingredients

Ingredients:	CAS No:	Proportion:
Hydrogen Chloride	7647-01-0	30 - 40%
Water	7732-18-5	50 - 90%

Section 4 First Aid Measures

For advice, contact a Poisons Information Centre on 131 126 or a doctor

Swallowed: Harmful if swallowed. Will cause damage to gastrointestinal tract

Eyes: Hold eye open and flush with running water for 15 minutes. SEEK IMMEDIATE MEDICAL ADVICE.

Skin: Causes burns

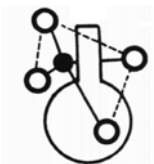
Inhaled: Remove victim to fresh air. If victim does not respond immediately seek Medical Advice.

Advice to doctor: Treat symptomatically. Product is a strong acid

Section 5 Fire Fighting Measures

Extinguishers:

Combustion Products:



Fire PPE:

Hazchem Code: 2R

Section 6 **Accidental Release Measures**

Emergency Procedure:

Spills and Disposal: Wear personal protective equipment. Contain all spills, absorb with inert material and store in labelled drums. Contact appropriate authority for disposal

Section 7 **Handling And Storage**

Storage and Transport: Corrosive substance Class 8. Store in bunded area and transport according to ADG Code

Safe Handling:

Section 8 **Exposure Controls / Personal Protection**

Exposure Standards: Hydrogen Chloride TWA 7.5 mg/m³

Engineering Controls: Use in well ventilated area

Personal Protection: Wear face shield and long PVC or rubber gloves while handling

Section 9 **Physical And Chemical Properties**

Appearance: Clear Liquid, Pungent Odour

Odour:

pH: <1

Vapour Pressure: N/A

Vapour Density:

Boiling Range: 100 deg C

Melting Point:

Solubility: 100 % in

Specific Gravity: 1.080

Flash Point: Not deg C

Flammability Limits: N/A

Autoignition Temperature:

Volatile Component: 100 %

Viscosity:

Other Properties:

Section 10 **Stability And Reactivity**

Chemical Stability:

Conditions to avoid:



Incompatible Materials:

**Hazardous Decomposition
Products:**

Hazardous Reactions:

Section 11 **Toxicological Information**

Acute (short term):

Swallowed: Do NOT induce vomiting. Give milk or water to drink. SEEK IMMEDIATE MEDICAL ADVICE AND CALL AN AMBULANCE.

Eye: Will cause severe damage to eyes if not treated immediately

Skin: Remove contaminated clothing and wash affected areas thoroughly. SEEK IMMEDIATE MEDICAL ADVICE.

Inhalation: Harmful by inhalation. May cause nausea, vomiting and dizziness. May cause irritation of mouth and throat

Chronic (long term):

Toxicological Data:

Section 12 **Ecological Information**

Ecotoxicity:

Section 13 **Disposal Considerations**

Disposal of Containers:

Section 14 **Transport Information**

UN No: 1789 UN Name:

D. G. Class: 8 Sub Risk: Pack. Grp: II Hazchem Code: 2R

Section 15 **Regulatory Information**

Hazardous according to the criteria of NOHSC

Hazard Category:

R35 Causes severe burns

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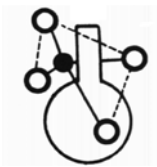
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Poisons Schedule : 5

This material, or its ingredients, are listed on the Australian Inventory of Chemical Substances (AICS)



Section 16

Other Information

Modified May 2013

Literature References:

Sources Of Data:

Extra Data:

Abbreviations:

ARDG Australian Guidelines for Transport of Dangerous Goods by Road and Rail

NOHSC National Occupational Health and Safety Commission

n/a Not Applicable

TWA Time weighted average of airborne concentration over an eight-hour working day, for a 5 day working week over an entire life.

STEL Short Term Exposure Limit - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal 8 hour working day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to its use together with any other material or in any process.

Contact Phone: (02) 4421 4099
ask for technical assistance