



CHESSER CHEMICALS Pty Ltd
124 Days Rd FERRYDEN PARK
South Australia 5010 Australia
T: +61 8 8406 0000
F: +61 8 8406 0099
E: reception@chesserchemicals.com.au
ABN Number: 67 008 262 039

Disclaimer:

CHESSER CHEMICALS Pty Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

Product: **ULTRA WASH CONCENTRATE**

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

SIGNAL WORD:

DANGER



Emergency Response No: **CHEMWATCH** 1800 951 288

RECOMMENDED PPE



Physical hazards

H290

May be corrosive to metals

Health hazards

H314

Causes severe skin burns and eye damage.

**1 IDENTIFICATION****IDENTIFICATION**

Product Code: ULW
 Product Name: ULTRA WASH CONCENTRATE
 Other Names: Not applicable
 Product Use: Automatic machine dishwashing liquid
 Restrictions on use: Use according to Directions; Use appropriate PPE. Protect skin and eyes, use through dispenser provided

COMPANY DETAILS

Company: CHESSER CHEMICALS Pty Ltd
 ABN Number: 67 008 262 039
 Address: 124 Days Road
 FERRYDEN PARK SA 5010
 Telephone Number: (08) 8406 0000
 Facsimile Number: (08) 8406 0099
 Emergency Telephone Number: CHEMWATCH 1800 951 288

Other Information: This information summarises our best knowledge on the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

2 HAZARD IDENTIFICATION

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

Classification of the substance or mixture:

Corrosive to metals - Category 1
 Skin corrosion/irritation - Category 1C
 Eye damage/irritation - Category 1

SIGNALWORD:**DANGER**

Corrosion

Hazard Statements**Physical hazards**

H290 May be corrosive to metals.

Health hazards

H314 Causes severe skin burns and eye damage.

Environmental hazards

H402 Harmful to aquatic life

Other Hazards

Not Listed

Precautionary statements**General precautionary statements****Prevention precautionary statements**

P234 Keep only in original container.
 P260 Do not breathe mist/vapours/spray.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response precautionary statements

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.



| | |
|----------------|--|
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P363 | Wash contaminated clothing before re-use. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P321 | Specific treatment (see First Aid Measures on Safety Data Sheet). |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep comfortable for breathing. |
| P390 | Absorb spillage to prevent material damage. |

Storage precautionary statements

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|------|--|
| P405 | Store locked up. |
| P406 | Store in corrosive resistant container with a resistant inner liner. |

Disposal precautionary statements

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|------|---|
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |
|------|---|

Poisons Schedule (SUSMP): S6 Poison.**3 COMPOSITION****Ingredients**

| Chemical Entity | CAS Number | Proportion | Risk Phrases |
|--|-------------|------------|----------------|
| SODIUM HYDROXIDE | [1310-73-2] | 10 - 30% | H290 H314 H318 |
| Water | [7732-18-5] | > 60% | |
| Ingredients determined not to be hazardous | | Balance | |

4 FIRST AID MEASURES

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| Ingestion: | If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention. |
| Eye: | If in eyes, hold eye lids apart and flush eye continuously with running water. Continue flushing until advised to stop by the Poisons Information centre or a doctor, or for at least 15 minutes. Seek urgent medical attention. |
| Skin: | If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention. |
| Inhaled: | Remove from contaminated area to fresh air. If problem persists seek urgent medical attention |
| First Aid Facilities | Eye wash and safety shower |
| Advice to Doctor | Treat symptomatically, Can cause severe eye damage. |

5 FIRE FIGHTING MEASURES

| | |
|--------------------------------------|--|
| Fire Extinguishing Media: | Use appropriate extinguishing media to suit surrounding area |
| Hazards from Combustion: | Material does not burn |
| Precaution for Fire Fighters: | Wear chemical splash suit and SCBA |
| Corrosive liquid. | Contact with metals may evolve flammable hydrogen gas |
| Hazchem | 2R |

6 ACCIDENTAL RELEASE MEASURES

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|-----------------------------|--|
| Emergency Procedures | Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing |
| Clean Up | Spills will be slippery so treat promptly. For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags and dispose of through waste disposal contractor. Rinse area with water. |

**7 HANDLING AND STORAGE**

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|-----------------|---|
| Handling | Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product |
| Storage | Corrosive product. Store in cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as acids, aluminium and zinc. Ensure storage area is secure |

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards None listed for product. However exposure standards for sodium hydroxide [NOHSC: 1008(2004)] are:

Sodium Hydroxide: TWA 2mg/m³ Peak limitation

Engineering Controls Do not inhale vapours. Use in well ventilated area and maintain levels below exposure standards.

Personal Protective Equipment Wear chemical goggles or safety glasses and impervious gloves when using product;. Use through the electronic dispensing equipment. Be sure that the equipment is functioning correctly , and use care when servicing the equipment

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

RECOMENDED

CHEMICAL GOGGLES or SAFETY GLASSES
IMPERVIOUS GLOVES
FACE SHIELD

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

If risk of inhalation exists, wear suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-------------------------------------|
| Appearance | Clear straw coloured viscous liquid |
| Formula | Not applicable. |
| Odour | Odourless |
| Vapour Pressure | Not applicable. |
| Vapour Density | Not determined |
| Boiling Point | > 100°C |
| Melting Point | Not applicable. C |
| Solubility in Water | Soluble at use dilutions |
| Specific Gravity | 1.24 |
| Flash Point | Not applicable. |
| pH | 12.0 - 13.0 (1% solution) |
| Lower Explosion Limit | Not applicable. |
| Upper Explosion Limit | Not applicable. |
| Ignition Temperature | Not applicable. |
| Specific Heat Value | Not applicable. |
| Particle Size | Not applicable. |
| Volatile Organic Compounds (VOC) Content | Not applicable. |
| Evaporation Rate | Not applicable. |
| Viscosity | Not applicable. |
| Percent Volatile | 0% |
| Octanol/Water partition coefficient | Not applicable. |
| Saturated Vapour Concentration | Not applicable. |
| Additional Characteristics | Not applicable. |
| Flame Propagation/Burning Rate of Solid Materials | Not applicable. |
| Properties of Materials That May Initiate or Contribute to Fire Intensity | Not applicable. |
| Potential for Dust Explosion | Not applicable. |



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|---|---|
| Reactions that Release Flammable Gases | Contact with reactive metals may evolve highly flammable hydrogen gas |
| Fast of Intensely Burning Characteristics | Not applicable. |
| Non-flammables That Could Contribute Unusual Hazards to a Fire | Not applicable. |
| Release of Invisible Flammable Vapours and Gases | Not applicable. |
| Decomposition Temperature | Not determined |
| Additional Information | |

10 STABILITY AND REACTIVITY

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|--|---|
| Stability | Stable under normal conditions of use and storage. |
| Hazardous Decomposition Products: | May emit heat when mixed with acids. |
| Hazardous Polymerization: | Will not occur. |
| Incompatibilities: | Incompatible with acids, oxidising agents (i.e. peroxides), active metals and heat. |
| Conditions to Avoid: | Incompatible with acids, oxidising agents (i.e. peroxides), active metals aluminium, tin and zinc |

11 TOXICOLOGICAL INFORMATION

| | |
|---------------------------|---|
| Ingestion | Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract |
| Eye | Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness |
| Skin | Contact with skin will result in severe irritation. Corrosive to skin – may cause skin burns |
| Inhalation | Mist generated may cause severe irritation to the mucous membranes and upper respiratory tract |
| Toxicological Data | Non available for ULTRA WASH CONCENTRATE. |

12 ECOLOGICAL INFORMATION

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|--------------------------------------|---|
| Ecotoxicity | No data available. |
| Persistence and Degradability | Does not cause biological oxygen deficit. Methods for determination of biodegradability can not be applied to inorganic substances. |
| Mobility | Fully soluble in water. |
| Environmental Fate (Exposure) | Do NOT let product reach waterways, drains and sewers. |
| Bioaccumulative Potential | No information available on bioaccumulation for this product. |

13 DISPOSAL CONSIDERATIONS

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|--|---|
| Disposal | Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. |
| Special Precautions for Land Fill or Incineration | Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with 'The Hazardous Waste Act'. |

14 TRANSPORT INFORMATION**Road and Rail Transport**

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

| | |
|--|-------------------------|
| UN No: | 1760 |
| Transport Hazard Class: | 8 Corrosive |
| Packing Group: | III |
| Proper Shipping Name: | Corrosive Liquid N.O.S. |
| Hazchem or Emergency Action Code: | 2R |

**Marine Transport**

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

| | |
|--|-------------------------|
| UN No: | 1760 |
| Transport Hazard Class: | 8 Corrosive |
| Packing Group: | III |
| Proper Shipping Name or Technical Name: | Corrosive Liquid N.O.S. |
| IMDG EMS Fire: | F-A |
| IMDG EMS Spill: | S-B |

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.



CHESSER CHEMICALS

SAFETY DATA SHEET

Page 6 of 6
Product: **ULTRA WASH CONCENTRATE**
Issued: January 2024

UN No: 1760
Transport Hazard Class: 8 Corrosive
Packing Group: III
Proper Shipping Name or Technical Name: Corrosive Liquid N.O.S.

15 REGULATORY INFORMATION

Poisons Schedule S6
EPG 8A1
AICS Name All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16 OTHER INFORMATION

Literature References No data available.**Sources for Data** No data available.**Legend to Abbreviations and Acronyms**

< less than
 > greater than
AICS Australian Inventory of Chemical Substances
CAS Chemical Abstracts Service (Registry Number)
 cm² square centimetres
 CO₂ Carbon Dioxide
 COD Chemical Oxygen Demand
 deg C (°C) degrees Celsius
ERMA Environmental Risk Management Authority
G gram
g/cm³ grams per cubic centimetre
g/l grams per litre
LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals
Ltr Litre
m³ cubic metre
mbar millibar
mg milligram
mg/24H milligrams per 24 hours
mg/kg milligrams per kilogram
mg/m³ milligrams per cubic metre
Misc miscible
Miscible liquids form one homogeneous liquid phase regardless of the amount of either component present
mm millimetre
mPa.s milli Pascal per second

HSNO Hazardous Substance and New Organism
IDLH Immediately Dangerous to Life and Health
Immiscible liquids are insoluble in each other
Kg kilogram
kg/m³ kilograms per cubic metre
LC50 LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
N/A Not Applicable
NOHSC National Occupational Health and Safety Commission
OECD Organization for Economic Co-operation and Development
PEL Permissible Exposure Limit
ppb parts per billion
ppm parts per million
ppm/2h parts per million per 2 hours
ppm/6h parts per million per 6 hours
RCP Reciprocal Calculation Procedure
STEL Short Term Exposure Limit
TLV Threshold Limit Value
tne tonne
TWA Time Weighted Average
ug/24H micrograms per 24 hours
UN United Nations (number)
Wt weight

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Update CHEMWATCH Phone Number

Update Dates



CHESSER CHEMICALS Pty Ltd
 124 Days Road
 FERRYDEN PARK SA 5010

Telephone: (08) 8406 0000
 Facsimile: (08) 8406 0099
 e-Mail: reception@chesserchemicals.com.au