SAFETY DATA SHEET

CHESSER CHEMICALS Pty Ltd
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ABN Number: 67 008 262 039

Product: WINE TANK CLEANER 2000

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

SIGNAL WORD: DANGER

Health hazards

H318 Causes serious eye damage

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

RECOMMENDED PPE

GLOVES

SAFETY GLASSES

1 IDENTIFICATION

IDENTIFICATION

Product Code:	WTC
Product Name:	WINE TANK CLEANER 2000
Other Names:	Not applicable
Product Use:	Cleaning-in-Place of Wine Tanks and Lines
Restrictions on use:	Use as Directed

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:

Eye Damage - Category 1

SIGNALWORD: **DANGER**

Hazard Statements

Health hazards

H318 Causes serious eye damage

Precautionary statements

General precautionary statements

P102 Keep out of reach of Children

Prevention precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye protection.

Response precautionary statements

P310 Immediately call a POISON CENTRE or doctor/physician

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

Poisons Schedule (SUSMP): Not Scheduled

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Tetra Sodium Ethylene diamine tetra acetic acid	[13235-36-4]	1-5%	H318
Sodium Carbonate	[497-19-8]	>60%	H319
Ingredients determined not to be hazardous		Balance	

4 FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Swallowed If swallowed, do NOT induce vomiting. Rinse mouth with water. Seek medical attention.

Inhaled No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Eye Quickly and gently brush particles from eyes. Immediately flush contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Skin Gently brush away excess solids. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

Medical Conditions Aggravated by Exposure No information available on medical conditions aggravated by exposure to this product.

Advice to Doctor Treat symptomatically based on judgement of doctor and individual reactions of patient.

5 FIRE FIGHTING MEASURES

General Measures Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.

Flammability Conditions Product is a non-flammable solid. Product does not burn.

Extinguishing Media Use extinguishing media suited to burning materials.

Fire and Explosion Hazard There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or

eruption may occur upon application of direct water stream on hot liquids.

Hazardous Products of Combustion Carbon dioxide, usually without carbon monoxide and smoke. Sodium compounds. Fire decomposition products from this product are not expected to be hazardous or harmful.

Special Fire Fighting Instructions Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment.

Personal Protective Equipment Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

Flash Point	No Data Available
Lower Explosion Limit	No Data Available
Upper Explosion Limit	No Data Available
Auto Ignition Temperature	No Data Available
Hazchem Code	No Data Available

6 ACCIDENTAL RELEASE MEASURES

General Response Procedure	Avoid accidents, clean up immediately. Slippery when spilt. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Stop leak if safe to do so. Isolate the danger area. Use clean, non-sparking tools and equipment.
Clean Up Procedures	Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable, labelled container and dispose of promptly.
Containment	Stop leak if safe to do so. Isolate the danger area.
Decontamination	After spills, wash area preventing runoff from entering drains. Contaminated area may be neutralised by washing with weak or dilute acid. Vinegar, citrus juice and most soft drinks may be suitable. This material may be suitable for approved landfill.
Environmental Precautionary Measures	Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.
Evacuation Criteria	Evacuate all unnecessary personnel.
Personal Precautionary Measures	Personnel involved in the clean up should wear full protective clothing as listed in section 8.

7 HANDLING AND STORAGE

Handling	Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product dust/fumes. Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures below in 'Storage' should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in section 10.
Storage	Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. This product is a scheduled poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Keep containers dry and away from water. This product should be kept in a cool place, preferably below 30 deg C. This product is not classified dangerous for transport according to The Australian Code for the Transport of Dangerous Goods by Road and Rail.
Container	Store in original packaging as approved by manufacturer.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

General No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC). However, the exposure standard for dust not otherwise specified is 10mg/m3 (for inspirable dust) and 3mg/m^3 (for respirable dust).

Exposure Limits No Data Available

Biological Limits No information available on biological limit values for this product.

Engineering Measures A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protection Equipment:

RESPIRATOR: f there is a significant chance that dusts are likely to build up in the area where this product is being used; we recommend that you use a suitable dust mask. Use a P1 mask, designed for use against mechanically generated particles eg. Silica and asbestos. Otherwise not normally necessary (AS1715/1716).

EYES: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eyewash facilities are also recommended in an area close to where this product is being used (AS1336/1337).

HANDS: Wear suitable impervious elbow-length gloves (Rubber, PVC) (AS2161).

CLOTHING: Protective coveralls and safety footwear. We suggest that protective clothing should be made of rubber or PVC (AS3765/2210). Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Special Hazards Precautions Work Hygienic Practices No Data Available

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical	State Solid
Appearance	White Granular Powder
Odour	No Odour
Colour	White
pH 1% solution	11.5 as 1% solution
Vapour Pressure	Not applicable
Relative Vapour Density	No Data Available
Boiling/Melting Point	Not applicable
Solubility	Soluble at use dilutions
Freezing Point	Not applicable
Specific Gravity	1.15 Bulk Density
Flash Point	No Data Available
Auto Ignition Temp	No Data Available
Evaporation Rate	No Data Available
Corrosion Rate	No Data Available
Decomposition Temperature	No Data Available
Density	No Data Available
Specific Heat	No Data Available
Molecular Weight	No Data Available
Net Propellant	Weight No Data Available
Octanol Water Coefficient	No Data Available
Particle Size	No Data Available
Partition Coefficient	No Data Available
Saturated Vapour Concentration	No Data Available
Vapour Temperature	No Data Available

Viscosity	No Data Available
Volatile Percent	Negligible at normal ambient temperatures
VOC Volume	No Data Available
Additional Characteristics	
Volatility:	Negligible at normal ambient temperatures.
Potential for Dust Explosion	No Data Available
Fast or Intensely Burning Characteristics	No Data Available
Flame Propagation or Burning Rate of Solid Materials	No Data Available
Non-Flammables That Could Contribute Unusual Hazards to a Fire	No Data Available
Properties That May Initiate or Contribute to Fire Intensity	No Data Available
Reactions That Release Gases or Vapours	No Data Available
Release of Invisible Flammable Vapours and Gases	No Data Available

10 STABILITY AND REACTIVITY

Chemical Stability Product is stable under normal conditions of use, storage and temperature.

Conditions to Avoid This product should be kept in a cool dry place, preferably below 30 deg C. Keep containers tightly closed. Containers should be kept dry.

Materials to Avoid Acids, zinc, tin, aluminium and their alloys.

Hazardous Decomposition Products Carbon dioxide, usually without carbon monoxide and smoke. Sodium compounds. Fire decomposition products from this product are not expected to be hazardous or harmful.

Hazardous Polymerisation This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties. The product will not undergo polymerisation reactions

11 TOXICOLOGICAL INFORMATION

General Information Local Effects:

Target Organs skin, eyes.

Carcinogen Status:

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Eye Irritant This product is a severe eye irritant. Corrosive to eyes. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Ingestion Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Inhalation Long term inhalation of high amounts of any nuisance dust may overload lung clearance mechanism. Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Skin Irritant Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be irritating, but is unlikely to cause anything more than mild transient discomfort.

Carcinogen Category 0.

12 ECOLOGICAL INFORMATION

Ecotoxicity This product is unlikely to adversely effect the environment. Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities.

Persistence/Degradability No Data Available

Mobility No Data Available

Environmental Fate No Data Available

Bioaccumulation	Potential No Data Available
Environmental Impact	No Data Available

13 DISPOSAL CONSIDERATIONS

General Information	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	Contact a specialist disposal company or the local waste regulator for advice. The Hierarchy of Controls seems to be common - the user should investigate: Reduce, Reuse, and Recycle and only if all else fails should disposal be considered. Note that properties of a product may change in use, so that the following suggestions may not always be appropriate. The following may help you in properly addressing this matter for this product. This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill..

14 TRANSPORT INFORMATION

ADG Code Non-Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).

Land Air and Sea **Australia: ADG**

UN Number	None allocated
Shipping Name	Not Applicable
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated

15 REGULATORY INFORMATION

Poisons Schedule	Not scheduled
EPG	Not applicable
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)
cm^2	square centimetres
CO_2	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C (°C)	degrees Celsius
ERMA	Environmental Risk Management Authority
G	gram
g/cm^3	grams per cubic centimetre
g/l	grams per litre
HSNO	Hazardous Substance and New Organism
IDLH	Immediately Dangerous to Life and Health
Immiscible	liquids are insoluble in each other
Kg	kilogram
kg/m^3	kilograms per cubic metre
LC_{50}	LC stands for Lethal Concentration. LC_{50} 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.
LD_{50}	LD stands for Lethal Dose. LD_{50} 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
m^3	cubic metre
mbar	millibar
mg	milligram
mg/24H	milligrams per 24 hours
mg/kg	milligrams per kilogram
mg/m^3	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

N/A	Not Applicable	**ppm/6h**	parts per million per 6 hours
NOHSC	National Occupational Health and Safety Commission	**RCP**	Reciprocal Calculation Procedure
		STEL	Short Term Exposure Limit
OECD	Organization for Economic Co-operation and Development	**TLV**	Threshold Limit Value
		tne	tonne
PEL	Permissible Exposure Limit	**TWA**	Time Weighted Average
ppb	parts per billion	**ug/24H**	micrograms per 24 hours
ppm	parts per million	**UN**	United Nations (number)
ppm/2h	parts per million per 2 hours	**Wt**	weight

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Update Dates
Update CHEMWATCH Phone Number

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