



3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Ingredients determined not to be hazardous	Not applicable	to 100%	

4 FIRST AID MEASURES

Description of Necessary First Aid Measures

- Ingestion:** Remove victim to a quiet well ventilated area. Call for medical attention. Keep airway clear. Wipe any residues out of the mouth, wash with water. Give oxygen if the face is blue. Loosen tight clothing. If unconscious put in prone position.
- Eye:** Wash with large amounts of water (luke-warm if possible) for at least 15 minutes. Ask victim to look up and down and sideways to wash properly. Do not allow victim to rub the eye. Do not allow the victim to keep the eye shut. Do not use oil or ointment without medical supervision. Do not use hot water for washing.
- Skin:** Remove affected clothes, jewellery, footwear etc. from the victim. Wash the affected area with soap and water
- Inhalation:** Not applicable

Medical Attention and Special Treatment**First Aid Facilities:****Comments:**

Advice to Doctor: Advise of the chemical mixture. Give the First Aid information given above. Relate exactly how the accident happened and what has been done since then.

Aggravated Medical Conditions Caused by Exposure: May cause gastric distress if swallowed.

5 FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:** Use an extinguisher based on foam, dry chemical, water mist or carbon dioxide.
- Hazards from Combustion Products:** Toxic gases (carbon monoxide, formaldehyde). Silica produced

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Prevent run off to water ways. Advise local authorities if contamination occurs

Methods and Materials for Containment and Clean Up:

Mop up with absorbent material such as rags, sand or vermiculite. Best pumped into separate containers. Avoid washing into the drains. Wear protective gloves, glasses, boots and clothing. Keep the public away from spills which will be slippery underfoot. No special equipment required. Disposal containers: Use polyethylene containers or lined steel drums. Take to a disposal company and give a full description of the material. Dispose of according to Commonwealth and state regulations.

7 HANDLING AND STORAGE

Precautions for Safe Handling:

Vinyl, latex or rubber gloves are suitable. Goggles that give full eye protection from splashing are recommended. Plastic or glass are both suitable. Cover as much skin as possible with loose fitting work clothes such as overalls. Waterproof shoes or boots that will run splashes away from the foot are best. Jewellery is not advised.

Conditions for Safe Storage, Including any Incompatibilities:

Store out of reach of children. Store below 30°C

8 EXPOSURE CONTROL / PERSONAL PROTECTION

- National Exposure Standards:** None known
- Biological Limit Values:** None known
- Engineering Controls:** None known
- Personal Protective Equipment:** Vinyl, latex or rubber gloves are suitable. Goggles that give full eye protection from splashing are recommended. Plastic or glass are both suitable. Cover as much skin as possible with loose fitting work clothes

**9 PHYSICAL AND CHEMICAL PROPERTIES****Physical Description/Properties**

Appearance:	A clear light blue viscous liquid
Odour:	Neutral odour
pH:	8.0 – 10.0
Vapour Pressure:	Not known
Vapour Density:	Not known
Boiling Point/Range (°C):	Approximately 100°C
Freezing/Melting Point (°C):	Not known
Solubility:	Dispersible in water
Specific Gravity (@25°C):	0.985 - 1.000

Information for Flammable Materials

Flash Point (°C):	Non-flammable
Lower Explosive Limit (%):	Non-flammable
Upper Explosive Limit (%):	Non-flammable
Autoignition Temperature (°C):	Not known

Additional Information

Specific Heat Value:	Not known
Particle Size:	Not applicable
Volatile Organic Compounds Content:	Not determined
Evaporation Rate:	Not known
Viscosity (cP @ 25°C):	Not determined
Percent Volatile:	Not determined
Octanol/Water Partition Coefficient:	Not known
Saturated Vapour Concentration:	Not known

Additional Characteristics Not Noted Above

Flame Propagation/Burning Rate:	Not known
Properties that may Initiate or Uniquely Contribute to the Intensity of a Fire:	None
Potential for Dust Explosion:	None
Reactions that Release Flammable Gases or Vapours:	None
Fast or Intensely Burning Characteristics:	None

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	None known
Incompatible Materials:	None known
Hazardous Decomposition Products:	Carbon monoxide, formaldehyde, silica
Hazardous Reactions:	Not known

11 TOXICOLOGICAL INFORMATION

Likely Route of Exposure: [X] Ingestion [] Skin contact [] Inhalation

Health Effects from Likely Route of Exposure**Acute**

Ingestion:	May cause gastric distress
Eye:	May cause eye irritation
Skin:	None known
Inhalation:	None known

Chronic

Ingestion:	None known
Eye:	None known
Skin:	None known
Inhalation:	None known

Other Information: Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No adverse effects on aquatic organisms
Persistence and Degradability:	Removed > 90% by binding onto sewage sludge
Mobility:	Not known



SAFETY DATA SHEET

CHESSER CHEMICALS

Environmental Fate: Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded
Bioaccumulative Potential: No bioaccumulation potential

13 DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Use polyethylene containers or lined steel drums. Mop up with absorbent material such as rags, sand or vermiculite. Pump into separate containers; avoid washing into the drains. Wear protective gloves, glasses, boots and clothing. Keep the public away from spills. Will be slippery underfoot.

Special Precautions for Landfill or Incineration: Take to a disposal company and give a full description of the material. Dispose of according to Commonwealth and state regulations.

14 TRANSPORT INFORMATION

Land Transport – ADG

UN Number: Not applicable
UN Proper Shipping Name: Not applicable
Dangerous Goods Class: Not applicable
Subsidiary Risk: Not applicable
Packing Group: Not applicable
Environmental Hazards for Transport Purposes: None known
Special Precautions for User: None known
Hazchem Code: Not applicable

Additional Shipping Information

Sea Transport – IMDG

UN Number: Not applicable
UN Proper Shipping Name: Not applicable
Dangerous Goods Class: Not applicable
Subsidiary Risk: Not applicable
Packing Group: Not applicable
Marine Pollutant: Not known

Air Transport – IATA DGR

UN Number: Not applicable
UN Proper Shipping Name: Not applicable
Dangerous Goods Class: Not applicable
Subsidiary Risk: Not applicable
Packing Group: Not applicable

15 REGULATORY INFORMATION

Poisons Schedule Not scheduled
EPG Not a Hazardous substance
AICS Name All ingredients are on inventory

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

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.
LD₅₀ LD stands for Lethal Dose. LD₅₀ is the amount of a material, given all at once,



SAFETY DATA SHEET

CHESSER CHEMICALS

Ltr	which causes the death of 50% (one half) of a group of test animals.	NOHSC	National Occupational Health and Safety Commission
m³	Litre	OECD	Organization for Economic Co-operation and Development
mbar	cubic metre	PEL	Permissible Exposure Limit
mg	millibar	ppb	parts per billion
mg/24H	milligram	ppm	parts per million
mg/kg	milligrams per 24 hours	ppm/2h	parts per million per 2 hours
mg/m³	milligrams per kilogram	ppm/6h	parts per million per 6 hours
Misc	milligrams per cubic metre	RCP	Reciprocal Calculation Procedure
Miscible	miscible	STEL	Short Term Exposure Limit
	liquids form one homogeneous liquid phase regardless of the amount of either component present	TLV	Threshold Limit Value
mm	millimetre	tne	tonne
mPa.s	milli Pascal per second	TWA	Time Weighted Average
N/A	Not Applicable	ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

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Update Dates

Update CHEMWATCH Phone Number



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