

CLEANERS WAREHOUSE

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Email: cleanerswarehouse@bigpond.com

Safety Data Sheet

SPECIALTY CHEMICALS GROUP

CORROSIVE CLASS 8

Product Name - KLORID

CDS:02108
ISSUED 02/2007
PAGE 1

IDENTIFICATION & PHYSICAL DATA

CHEMICAL CONSTITUTION

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>PROPORTION</u>
Potassium Hydroxide	1310-58-3	MED
Tetra Potassium Pyrophosphate	7320-3405	LOW
Potassium Silicate		LOW
Ethylene Diamine Tetra-Acetic Acid	60-00-4	LOW
Sodium Hypochlorite	7681-52-9	MED
Water	7732-18-15	HIGH

PROPORTION (% weight per weight):

VHIGH>60, HIGH 30-60, MED 10-20, LOW 1-9. VLOW<1

USES

Alkaline Detergent – for dishwashing machine use.

PHYSICAL PROPERTIES

Specific Gravity (20 C) : 1.20	Melting Point : Not available
Rel Vap Density : Not available	Boiling Point : Not available
Vap Pressure (20 C) : Not available	Decomposition Point : Not available
Flash Point : None	Sublimation Point : Not available
Flammable Limits : Not applicable	pH (1% aq. solution) : 12
Autoignition Temp : Not applicable	Viscosity : Not available
% Volatile by volume : Not available	Evaporation Rate : Not available
Water solubility (g/l) : Not applicable	

Appearance : Clear liquid
Solubility : Soluble in water

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Short term exposure by ingestion is harmful.
SKIN : Contact with skin will result in severe irritation.
EYES : A severe eye irritant.
INHALATION : Can result in mild respiratory irritation.
INGESTION : Can result in nausea and vomiting.

As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice.

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PAGE 2

FIRST AID

SKIN : Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

EYES : Immediately irrigate with copious quantities of water for at least fifteen minutes. Eyelids to be held open. Remove clothing if contaminated and wash contaminated skin. Seek immediate medical advice.

INGESTION : Thoroughly rinse mouth with water. Give water to drink. DO NOT induce vomiting. Seek immediate medical assistance. Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

ADVICE TO DOCTOR

Treat symptomatically.

TOXICITY

Intraperitoneal LD50 (mouse): 40 mg/kg (1)

Oral Lowest Lethal Dose (rabbit): 500 mg/kg (1)

SKIN (rabbit): severe irritation 500 mg/24H (1)

EYES (rabbit): severe irritation 1mg/30sec rinse (1)

Highly corrosive to any tissue with which it comes into contact.

It can cause mild burning to skin and under extreme exposure to concentrated product milk ulceration.

Low systemic toxicity.

EXPOSURE STANDARDS

TWA		STEL	
PPM	MG/M3	PPM	MG/M3
-	2	PEAK LIMITATION	

Exposure Standard (TWA) is the time weighted average airborne concentration over an eight hour working day, for a five day working week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

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 eight hour working day.

PRECAUTIONS FOR USE.

VENTILATION

Use with adequate ventilation.

PERSONAL PROTECTION

Use good occupational work practice. Avoid skin and eye contact. Wear impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.

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ISSUED 02/2007
PAGE 3

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Classified as a Class 8 – Corrosive Dangerous Substance for the purpose of transport. Refer to State Regulations for storage and transport requirements. Not to be loaded with oxidising agents (Class 5) or foodstuffs. Keep containers securely sealed and protected against physical damage.

SPILLS

Slippery when spilt. Avoid accidents, clean up immediately. Wash to drain ensuring great dilution.

DISPOSAL

For small quantities, wash area down with large quantities of water.

FIRE/EXPLOSION HAZARDS

Not Combustible.

ADVANCED CHEMICALS PTY LTD

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