



Safety Data Sheet

SPECIALTY CHEMICALS GROUP

CORROSIVE CLASS 8

Product Name - MAJOR PLUS:

CDS: 02118
ISSUED 05/2005
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IDENTIFICATION & PHYSICAL DATA

CHEMICAL CONSTITUTION

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>PROPORTION</u>
Sodium Hydroxide	1310-73-2	LOW
Ethyl Glycol Monobutyl Ether	111-76-2	MED
Triethanolamine	102-71-6	LOW
Sodium Xylene Sulphonate	1300-72-7	LOW
Ethlenediamine Tetraacetic Acid	60-00-04	LOW
Sodium Lauryl Sulphate	68585-47-7	LOW
Water	7732-18-15	HIGH

PROPORTION (% weight per weight):

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

USES

Detergent – Heavy Duty Cleanser

PHYSICAL PROPERTIES

Specific Gravity (20 C) : 1.01
Rel Vap Density : Not available
Vap Pressure (20 C) : Not available
Flash Point : None
Flammable Limits : Not applicable
Autoignition Temp : Not applicable
% Volatile by volume : Not available
Water solubility (g/l) : Not applicable

Melting Point : Not available
Boiling Point : Not available
Decomposition Point : Not available
Sublimation Point : Not available
pH (1% aq. solution) : 12
Viscosity : Not available
Evaporation Rate : Not available

Appearance : Clear pink liquid
Solubility : Soluble in water

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Short term exposure by ingestion is harmful.
SKIN : Contact with skin will result in 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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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. DO NOT induce vomiting. Seek medical assistance. Poisons Information Centres in each State capital city can provide additional assistance for scheduled poisons.

ADVICE TO DOCTOR

Treat Symptomatically.

TOXICITY

ANIMAL TOXICITY DATA (Sodium hydroxide) Lethal dose (rabbits, oral): 500mg/kg. Irritant dose (rabbits, dermal): 50mg/24 hour – severe skin irritant. Irritant dose (rabbits, ocular): 50ug/24 hour – severe eye irritant.

More detailed information about the effects of chemicals on health can be obtained from Worksafe Australia.

EXPOSURE STANDARDS

(Sodium hydroxide and potassium hydroxide) TLV/TWA: 2mg/m³, peak, Worksafe Australia.

SAMPLING & ANALYSIS. Use appropriate instrumentation and sampling strategy (location, timing, duration, frequency and number of samples). Interpretation of the sampling results is related to these variables and the analytical method.

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.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Classified as a Class 8 – Corrosive Dangerous Substance for the purpose of transport.

Not to be loaded with explosives (class 1), dangerous when wet substances (class 4.3), oxidising agents (class 5.1), organic peroxides (class 5.2), radioactive substances (class 7), foodstuffs and foodstuff empties, however exemptions may apply.

This material is a Scheduled Poison (S6) and must be stored, maintained and used in accordance with the relevant regulations.

Keep containers closed at all times. Store away from acids. Do not store in aluminium or galvanised containers. Check regularly for spills and leaks.

Store away from foodstuffs.



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SPILLS

Shut off all possible sources of ignition. 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.