



MATERIAL SAFETY DATA SHEET

AP63 APEX CHLORINE BLEACH

The information contained herein is meant to describe the health and safety features of this product and to assist the user to determine its suitability for use in their workplace. No express or implied warranty is made as to its fitness for any particular task.

Statement of a Hazardous Nature: Hazardous according to criteria of Worksafe Australia.

PRODUCT IDENTIFICATION & USE: A liquid solution of sodium hypochlorite and water used for bleaching fabric, removing stains, killing bacteria and viruses and sanitizing food contact surfaces.

HAZCHEM	Not Hazardous	Spec. E. P.G.	N/A	UN Number	Not required
D.G. Class	Not Dangerous	Packaging Group	N/A	Poison Sched	5
Harmoniz		G.T. E P G	N/A	Sub risk	N/A
Apex Code	AP63	Revised date	01/01/16	Issue date	01/01/10

INGREDIENTS:

Sodium hypochlorite
Water

CAS No

7681-52-3
7732-18-5

PROPORTION

> 4%
Balance to 100%

OTHER INGREDIENT DATA: Available chlorine: 4%

PHYSICAL DESCRIPTION / PROPERTIES:

Boiling Range:	Approximately 110°C	pH:	As received 12.5 ± 0.2
Melting Range:	< 0°C	pH @ 1%	@ 1% soln 11.5 ± 0.2
Vapour Pressure:	18mm/Hg @20°C	Colour	Straw
Specific Gravity:	1.125 ± 0.05 @20°C	Form	Liquid, 100% water soluble
Flash Point:	Non flammable	Odour	Chlorine

HEALTH HAZARD INFORMATION

Acute Effects: If Swallowed: Harmful. May cause severe burns to the mouth, throat and stomach. Ingestion can result in nausea, vomiting, diarrhoea, abdominal pain and/or convulsions. Can kill if swallowed.

If In Eyes: A severe eye irritant. Highly corrosive to eyes. May cause conjunctivitis, corneal burns and ulceration. Contamination of eyes can result in permanent injury.

If on Skin: Harmful in contact with the skin. Corrosive to skin may cause skin burns. Will have a defatting effect on the skin.

If Inhaled: Inhalation will cause irritation to the upper respiratory tract, mouth, nose and throat.

Chronic Effects: Repeated or prolonged skin contact can cause chronic dermatitis.

FIRST AID

If swallowed: Rinse mouth thoroughly with water immediately. Give water to drink.

Do not induce vomiting. Seek medical attention. Poison Information Centres can provide additional assistance for scheduled poisons.

If in eyes: Eyelids to be held open. Immediately irrigate with copious quantity of water for at least 15 minutes. Seek medical advice.

If on skin: Wash affected area with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.

If inhaled: If irritation experienced, cease task and move to fresh air. Seek medical attention if symptoms persist.

Investigate possible misuse of product.

Advice to Doctor: Treat symptoms for strong alkalis. Consult Poisons Information Centre 131126

Toxicity Data: As sodium hypochlorite. Oral: LD 50, Rat : 12mg/kg

PRECAUTIONS FOR USE

Exposure Limits: Chlorine 3mg/m³. No threshold limits proposed by National Health & Medical Research Council.

Engineering Controls: No special ventilation required. Avoid generation & inhalation of mists or aerosols.

Personal Protection: Wearing of the following personal protective equipment is advisable when handling the bleach at full strength or when decanting to smaller ready to use amounts; chemical goggles, face shield and PVC or rubber gloves. Wash hands with soap & water before eating, drinking, smoking and after using the toilet.

Flammability: Non-flammable. Non-combustible. **Environment:** No particular hazard to the environment.

SAFETY HANDLING INFORMATION

Storage & Transport: Keep containers securely sealed and protected against physical damage. Store in a cool place.

Store away from acids. This product is not considered as Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Spills and Disposal: Slippery when spilt. Avoid accidents, clean up immediately. Isolate leaking containers and stop leak if safe to do so. Mop up and wash to drain with copious volumes of water. The following protective equipment should be worn; safety glasses, goggles or face-shield as appropriate. Impervious gloves.

Fire / Explosion Hazard: Non-combustible. The product is strongly alkaline and hence may react with metals to produce hydrogen, a flammable gas. In the event of a fire the product may release toxic chlorine gas.

Apex Cleaning Supplies. 2 Kinwal Ct, Moorabbin Vic. 3189 Contact Technical Manager 9555-5155