

Infosafe No™ VAR1H Issue Date : February 2016 ISSUED by HUNTERST

Product Name **CHLOROX**

Classified as hazardous

1. Identification

GHS Product Identifier CHLOROX

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 Australia

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use As a cleaner, disinfectant and deodoriser.
Use as directed on the product label.
Rinse with potable water after use.

2. Hazard Identification

GHS classification of the substance/mixture Eye Damage/Irritation: Category 2A
Skin Corrosion/Irritation: Category 2

Signal Word (s) WARNING

Hazard Statement (s) EUH031 Contact with acids liberates toxic gas.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Exclamation mark



Precautionary statement – Prevention P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Precautionary statement – Storage P402+P404 Store in a dry place. Store in a closed container.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Chlorinated Trisodium phosphate	56802-99-4	30-60 %
	Sodium carbonate	497-19-8	10-30 %
	Other ingredients determined not to be hazardous	Not required	10-30 %

4. First-aid measures

Inhalation Remove source of contamination or move victim to fresh air. Obtain medical

Infosafe No™ VAR1H	Issue Date : February 2016	ISSUED by HUNTERST
--------------------	----------------------------	--------------------

Product Name **CHLOROX**

Classified as hazardous

Ingestion	attention. Rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Drink 240 to 300 mL (8 to 10 oz.) of water to dilute material in stomach. If vomiting occurs naturally, rinse mouth and repeat administration of water. Obtain medical attention immediately.
Skin	Avoid direct contact with this chemical. Wear impervious protective gloves, if necessary. As quickly as possible, flush contaminated area with lukewarm, gently running water for at least 15 minutes. Under running water, remove contaminated clothing, shoes, and leather goods (e.g., watchbands, belts). If irritation persists, repeat flushing. Obtain medical attention.
Eye contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes, holding the eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation persists, repeat flushing. Obtain medical attention immediately.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Treat symptomatically. Product is a mixture of alkaline salts with a low proportion of available chlorine. Irritating to skin and eyes. Contact Poisons Information Centre.

5. Fire-fighting measures

Specific hazards arising from the chemical	FIRE EXTINGUISHING AGENTS Use an extinguisher appropriate to the material which is burning. FIRE FIGHTING PROCEDURES Sodium phosphate and its solutions do not burn or support combustion. Use water spray to cool containers to help prevent rupture. Water spray may also be used to knock down irritating combustion products which may be produced in a fire. COMBUSTION PRODUCTS Phosphorus oxides, hydrochloric acid.
---	---

6. Accidental release measures

Spills & Disposal	Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.
------------------------------	---

7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing dust. Keep away from acids.
Conditions for safe storage, including any incompatibilities	STORAGE CONDITIONS Store in tightly closed containers in a cool, dry area away from incompatible materials. Protect containers from damage or breakage. HANDLING Use dust-tight containers. Prevent accumulations of dust. Avoid generating mist or dust. Keep containers closed when not in use.

8. Exposure controls/personal protection

Other Exposure Information	(TLV-TWA) Not established NOTE: The American Industrial Hygiene Association (AIHA) recommends a 15-minute TWA of 5 mg/m3 for trisodium phosphate(1).
Appropriate engineering controls	Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if dust/vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.
Personal Protective Equipment	Avoid contact with skin and eyes. Avoid breathing dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: Eye/face protection Gloves, rubber or plastic. Industrial Quantities: Dust mask

Infosafe No™ VAR1H	Issue Date : February 2016	ISSUED by HUNTERST
--------------------	----------------------------	--------------------

Product Name **CHLOROX**

Classified as hazardous

Face shield or safety glasses
Gloves, rubber or plastic
Plastic apron, sleeves and boots
Impervious overalls.

Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Solid
Appearance	White, or off-white, granular powder.
Odour	Slight smell of hypochlorite bleach. Odour threshold: Chlorine 3 ppm.
Solubility in Water	215 g/L
pH	11.3-11.8 (1% solution)
Flash Point	None
Flammability	Non combustible material. Non combustible
Other Information	Alkaline. Will react vigorously or violently with acids, generating carbon dioxide (a simple asphyxiant) and a small quantity of chlorine (a toxic gas). Slightly hygroscopic, may absorb moisture from the air. Spillages will be slippery when wet.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Incompatible materials, moist air.
Incompatible Materials	Acids.
Hazardous Decomposition Products	Chlorine, hydrogen chloride, oxides of phosphorus.
Possibility of hazardous reactions	Contact with acids will generate carbon dioxide and chlorine.

11. Toxicological Information

Acute Toxicity - Oral	LD 50: tri-Sodium phosphate chlorinated No hard data found. Sodium carbonate anhydrous 4,090 mg/kg oral, rat.
Ingestion	Burns to the mouth and the digestive tract may occur, with pain, nausea, vomiting, cramps and diarrhoea.
Inhalation	Dust may be irritating to the respiratory system. Symptoms may include coughing, wheezing, difficulty breathing, a burning pain in the nose and throat. Over-exposure to dust may lead to pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed by a few hours.
Skin	Solid material or concentrated solutions cause reddening, itching and irritation; irritation of the skin can occur if material is not quickly rinsed off.
Eye	Dust or mist may cause eye irritation. When splashed in the eyes, solutions may cause immediate severe pain; permanent eye damage may occur.
Chronic Effects	Repeated inhalation exposure to sodium carbonate may cause nose bleeds, nasal congestion, erosion of the teeth, perforation of the nasal septum, chest pains and bronchitis. Prolonged exposure to low concentrations of chlorine may cause chloracne.

12. Ecological information

Ecotoxicity	Contains a chlorinating compound. Harmful to aquatic organisms.
Mobility	Readily transported by water.

Infosafe No™ VAR1H	Issue Date : February 2016	ISSUED by HUNTERST
--------------------	----------------------------	--------------------

Product Name **CHLOROX**

Classified as hazardous

Information on Ecological Effects	Contains a high proportion of phosphates. Will contribute to the development of algal bloom in natural waters.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.
Product Disposal	Avoid disposal to natural waters or the environment.
Special precautions for landfill or incineration	Unsuitable for incineration.

14. Transport information

Transport Information	Non regulated.
------------------------------	----------------

15. Regulatory information

Poisons Schedule	S5
Hazard Category	Irritant

16. Other Information

Signature of Preparer/Data Service	Technical Manager (03) 6431 9627
---	----------------------------------

Technical Contact Numbers	Emergency Advice All Hours: Technical Manager: (03) 6431 9627 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs Transport/Fire Emergency: 000 (Emergency services)
----------------------------------	--

Other Information	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below. ...End Of MSDS...
--------------------------	---

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Chemical Safety International Pty Ltd.