



CLEANING SUPPLIES

# Material Safety Data Sheet

## CLORGUARD

### 1. Identification of the material and supplier

PRODUCT NAME: CLORGUARD  
OTHER NAMES  
RECOMMENDED USE MACHINE DISHWASHING DETERGENT, SANITIZER  
COMPANY: Cleveland Cleaning Supplies Pty Limited  
ABN: 61 001 175 748  
ADDRESS: 23 Forrester Street Kingsgrove NSW 2208  
P.O. BOX 320 Kingsgrove NSW 1480  
Australia  
BUSINESS TELEPHONE: +612 9503 0100  
1300 760 765 (Australia wide)  
BUSINESS HOURS ONLY: 7:30 AM – 5:00 PM (E.S.T.)  
FAX: +612 9503 0199  
EMAIL: [sales@cleveland.com.au](mailto:sales@cleveland.com.au)  
WEBSITE: [www.cleveland.com.au](http://www.cleveland.com.au)  
EMERGENCY TELEPHONE: 000  
POISONS INFORMATION CENTRE PHONE: 13 11 26 (24 hrs)  
FOR EMERGENCY RESPONSE: 000

### 2. Hazards identification

DANGEROUS GOODS Classified as hazardous according to the criteria of NOHSC/ ASCC.  
RISK PHASES C Corrosive  
R34 Causes burns  
R37 Irritating to the respiratory system.  
SAFETY PHASES S1/2 Keep locked up and out of reach of children  
S13 Keep away from food and drink and animal feedstuff.  
S24/25 Avoid contact with the skin & eyes.  
S36 Wear suitable protective clothing  
S37 Wear suitable gloves  
S39 Wear eye/face protection  
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### 3. Composition/ information on ingredients

NAME	CAS	PROPORTION
Disodium Metasilicate	6834-92-0	30-60%
Chlorinated Trisodium Phosphate	56802-99-4	30-60%
Sodium Carbonate	497-19-8	10-<30%

The ingredients below are **not** considered hazardous or dangerous goods according to the criteria of NOHSC / ASCC and ADG code (respectively) at the levels used in this product.

Other ingredients determined not to be hazardous <10%

### 4. First Aid measures

SWALLOWED Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. If swallowed DO NOT induce vomiting. For advice contact a Poisons information Centre Phone Australia 13 1126 or a doctor.

EYE Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes, by the clock, holding the eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Obtain medical attention immediately.

SKIN If skin or hair contact occurs, remove contaminated clothing, shoes and leather goods. As quickly as possible, flush contaminated area with lukewarm, gently running water.

INHALED If symptoms are experienced, such as cough, dry throat, difficulty in breathing, nasal congestion and headaches or dizziness remove source of contamination or move victim to fresh air.



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FIRST AID FACILITIES Ensure eyewash and safety shower facilities are available in workplace.

Additional information / Aggravated medical conditions

No known effect

### 5. Fire fighting measures

Suitable extinguishing media

NON FLAMMABLE

Large fire

Use water spray and fog

Fight fire from protected position or use unmanned hose holders or monitor nozzles. If safe to do so, move undamaged containers from fire area – Do not approach hot containers

Cool containers with water before handling

If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn.

Special protective precautions and equipment for fire fighters

Wear SCBA and protective gloves. Structural fire-fighters uniform provides limited protection. If large amounts are involved wear SCBA and chemical splash suit.

HAZCHEM CODE

2X

### 6. Accidental release measures

Restrict access to area until completion of clean up. Ensure clean up is conducted by trained personnel only. Wear protective clothing including facemask, face shield and gauntlets. Prevent material from entering sewers or confined spaces. Sweep up & put material in suitable, covered, labelled containers.

**Disposal:** review federal, state and local government requirements prior to disposal.

### 7. Handling and storage

STORAGE INCOMPATIBILITY

Avoid storage with Acids. Incompatible with acids, will cause release of toxic chlorine gas.

STORAGE REQUIREMENTS

Keep out of reach of children

Keep locked up

Store away from incompatible materials.

Avoid storage at temperatures higher than 30°C

Protect containers against physical damage.

### 8. Exposure controls / Personal protection

NATIONAL EXPOSURE STANDARDS

No exposure standards have been established for this material. Exposure standards recommended by A.S.C.C. Australia for some ingredients are as follows:

TWA (TIME WEIGHED AVERAGE)

mg/m<sup>3</sup>

ppm

No Data

ENGINEERING CONTROLS

Use in well ventilated areas.

PERSONAL PROTECTION

RESPIRATOR TYPE

Where ventilation is not adequate, respiratory protection may be required. An approved dust particle half mask should be used. Respiratory protection should comply with AS/NZS 1715.

EYE PROTECTION

Safety glasses or chemical goggles. Failure to do so may result in eye damage if an accident occurs.

GLOVE TYPE

Chemical resistant gloves provide adequate protection.



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CLOTHING                      Wear protective plastic or PVC apron to prevent contact with clothing.

Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

### 9. Physical and chemical properties

APPEARANCE	Pink Powder	
ODOUR	Chlorine odour	
PH	12.7 @ 1% concentration	
VAPOUR PRESSURE	Not Determined	
VAPOUR DENSITY	Not Determined	
BOILING POINT	Not applicable	
BOILINGRANGE	Not applicable	
MELTING POINT	Not available	
SOLUBILITY IN WATER	Miscible	
SPECIFIC GRAVITY	Not applicable	water = 1.000
FLASH POINT	Non Flammable	
FLAMMABILITY LIMITS	Not applicable	

### 10. Stability and reactivity

Stable under normal conditions of storage and use

### 11. Toxicological information

#### Health effects from acute exposure

SWALLOWED                      Corrosive. Can cause damage to throat, lungs and stomach.

EYE                                      Corrosive and may cause severe or permanent eye damage, Concentrated solutions can cause severe irritation and corrosion injury unless washed out immediately

SKIN                                      Irritating to skin. Brief contact may cause redness. Repeated or prolonged contact may result in corrosion.

INHALED                                Can be irritating to the nose, throat and upper respiratory tract.

#### Health effects from chronic exposure

Prolonged or repeated contact may cause dermatitis. No other specific data is available for the product for chronic exposure symptoms.

### 12. Ecological information

No Data

### 13. Disposal considerations

Disposal:                                Review federal, state and local government requirements prior to disposal.

### 14. Transport information

#### TRANSPORTATION

UN CLASS	3262
PROPER SHIPPING NAME	Corrosive Solid Basic, Inorganic, N.O.S
DG CLASS	8
SUBSIDIARY RISK	None allocated
PACKAGING GROUP	111
RECOMMENDED USE	MACHINE DISHWASHING DETERGENT, SANITIZER

### 15 Regulatory information

POISONS SCHEDULE                5

### 16. Other information

Produced by:                      Cleveland Cleaning Supplies Pty Limited, ABN: 61 001 175 748  
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**Cleveland**

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END OF REPORT

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