

SAFETY DATA SHEET

SOLUTIONS

CHLOR SOAK

Infosafe No.: CI00S
ISSUED Date : 31/05/2017
ISSUED by: CUSTOM CHEMICALS
INTERNATIONAL PTY LTD

1. IDENTIFICATION

GHS Product Identifier

CHLOR SOAK

Product Code

SOL0060081 - 10KG

Company Name

Hanley Industrial Enterprises Pty Ltd (49 010 930 471)

Address

21 Yarraman Place (PO Box 515) Virginia

QLD 4014 AUSTRALIA

Telephone/Fax Number

Tel: (07) 3326 6711

Fax: (07) 3326 6722

Emergency phone number

13 11 26

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 1B

Signal Word (s)

DANGER

Hazard Statement (s)

Contact with acids liberates toxic gas.

Causes severe skin burns and eye damage.

Causes serious eye damage.

Pictogram (s)

Corrosion

**Precautionary statement – Prevention**

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash contaminated skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Precautionary statement – Storage

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility..

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Soda Ash	497- 19- 8	10- 30 %
Sodium Silicate	134409- 8	10- 30 %
Disodium Metasilicate Pentahydrate	6834- 92- 0	10- 30 %
TRISODIUM PHOSPHATE, CHLORINATED	11084- 85- 8	10- 30 %
Oxirane, 2- methyl, polymer with oxirane, mono(2- propylheptyl) ether	166736- 08- 9	<5 %
Other ingredients determined not to be hazardous according to criteria of Worksafe Australia		-

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

Skin

Remove all contaminated clothing immediately. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Small fire use dry chemical, carbon dioxide or water spray. If safe to do so, move undamaged containers from the fire area.

Large fire use water spray, fog or foam. Do NOT use water jets. Cool containers with flooding quantities of water until well after fire is extinguished.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Non combustible material. Fire or heat will produce irritating, poisonous or corrosive gases. Containers may explode when heated. Contact with metals may evolve flammable hydrogen gas.

Specific Hazards Arising From The Chemical

This product is non combustible.

Hazchem Code

2X

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fully encapsulating, gas-tight suits should be worn for maximum protection. Structural fire fighters uniform is NOT effective for these materials. Fight fire from safe location.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Minor spills do not normally need any special clean up measures. In the event of a large spill, prevent spillage from entering watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for disposal by an approved agent according to local regulations.

Residual deposits will remain slippery, wash down with excess water. If contamination of drains or sewers occurs advise local emergency services.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with incompatible materials. When handling DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

Conditions for safe storage, including any incompatibilities

Corrosive liquid. Store in a cool dry well-ventilated area. Store away from oxidising agents and bases/acids. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Provide a catch-tank in a bunded area. Store in original packages as approved by manufacturer. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS 3780 The storage and handling of corrosive substances.

Corrosiveness

May be corrosive to metals (aluminium).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No Exposure Limit Established

Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing dusts away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of dust below the exposure standards, suitable respiratory protection must be worn.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material such as butyl rubber, natural latex, neoprene, PVC and nitrile. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Solid	Appearance	Pink Powder
Odour	Chlorine	Melting Point	Decomposes at 205°C
Solubility in Water	22%	Specific Gravity	NA
pH	11.8 - 12.8 (1% solution)	Vapour Pressure	Not available
Volatile Component	Ca 2% v/v	Flammability	Non combustible

10. STABILITY AND REACTIVITY

Reactivity

Avoid strong heating.

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Avoid contact with heat or heat sources. Avoid contact with incompatible materials.

Incompatible materials

Strong oxidisers (ie. nitrates, nitrites, nitric acid), halogens, strong bases & chlorinated products.

Hazardous Decomposition Products

Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours on burning.

Hazardous Polymerization

Not available.

11. TOXICOLOGICAL INFORMATION

Ingestion

Moderately toxic. Moderately corrosive - causes burns and desquamation of the mouth, esophagus and stomach.

Inhalation

Extremely destructive to tissues of the mucous membranes and upper respiratory tract. Symptoms include burning sensation and irritation symptoms in the respiratory tract, coughing, wheezing, laryngitis, dyspnoea, headache, nausea and vomiting. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema.

Skin

Skin contact can cause redness, itching, irritation and pain. Severe burns may occur.

Eye

Causes eye damage. Contact will cause stinging, blurring, tearing, severe pain and possible burns.

Respiratory sensitisation

Repeat over exposure may lead to increased susceptibility to respiratory illness

Skin Sensitisation

Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life.

Persistence and degradability

Individual components stated to be biodegradable.

Mobility

Product miscible in all proportions with water. Do not discharge bulk quantities into drains, sewers or waterways.

Environmental Protection

Prevent large amounts from entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information

This material is classified as a Class 8 Corrosive Substances Dangerous Goods

Class 8 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1: Explosives
- Division 4.3: Dangerous when wet Substances
- Division 5.1: Oxidising substances
- Division 5.2: Organic peroxides
- Class 6, Toxic or Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids

Class 7: Radioactive materials unless specifically exempted

and are incompatible with food and food packaging in any quantity.

Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong.

U.N. Number

1759

UN proper shipping name

CORROSIVE SOLID, N.O.S.Contains Disodium Trioxosilicate

Transport hazard class(es)

8

Packing Group

III

Hazchem Code

2X

IERG Number

37

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule

S5

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS reviewed: May 2017, Supersedes: Oct 2016

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point

Regulatory Affairs Manager. Telephone (07) 3204 8300

Uses and Restrictions

Crockery Destaining: Add 250 grams of product to 25 litres of warm water.

Glass Soaking: Dilute 80 grams of product to 10 litres warm water in sink. Soak for 15 minutes then rinse with potable water.

User Information

CHLOR SOAK is a concentrated, heavy duty powered sanitising soak and organic stain neutraliser. Chlor Soak is perfect for removing tannin stains on hotel glassware, percolators, crockery, coffee and tea pots. Chlor Soak is ideal to meet the needs in health care facilities, commercial kitchens, bars, cellars and food processors.

Other Information

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS

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