

Safety Data Sheet



Section 1: Company and Product Identification

Chemical Nature: Water solution of sodium hypochlorite and other ingredients.

Product Name: **Clodet**

Product Use: Chlorinated foam disinfectant detergent for cleaning hard surfaces.

Company: J.T.Dixon Pty. Ltd.

19-21 Homes Street, North Geelong, VIC 3215

Telephone: 03 52786644 Facsimile: 03 52770526

Web: www.jtdixon.com.au

Email: info@jtdixon.com.au

Emergency Response: Poisons Information Centre: Phone 131126 (Australia)

Section 2: Hazards Identification GHS05 BLANK BLANK BLANK

Hazard Pictograms:



Statement of Hazardous Nature

This product is classified as: N, Dangerous to the environment. C, Corrosive. Hazardous according to the criteria of SWA.

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

SUSMP Classification: S6

ADG Classification: Class 8 : Corrosive Substances.

UN Number: 1719

Signal Word: **DANGER**

Hazard Category: Skin corrosion/irritation Cat 1
Serious eye damage/eye irritation Cat 1
Hazard to aquatic environment, acute Cat 2

Hazard Statements: H314: Causes severe skin burns and eye damage
H401: Toxic to aquatic life

0 Precautionary Statements: P102: Keep out of reach of children
P103: Read label before use
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P264: Wash thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face

Response: P301: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin water.
P304: IF INHALED: remove to fresh air and keep at rest in a position comfortable for breathing.
P305: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER Ph 131126 or doctor.
P321: Specific treatment is advised - see first aid instructions.
P363: Wash contaminated clothing before reuse
P391: Collect spillage

- Storage:** P403: Store in a well ventilated place. Keep container closed.
P405: Store locked up
- Disposal:** P501: Dispose of contents/container in accordance with local/national/international rules.
- Other Hazards::** Not applicable, none known.

Section 3: Composition / Information on Ingredients

Substances / Mixtures	Cas Number	Conc, %	
Sodium Hypochlorite	7681-52-9	<10%	
Sodium Hydroxide	1310-73-2	<5%	
Other non hazardous ingredients	various	to 100%	

Section 4: First Aid Measures

Eye: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or doctor.

Ingestion: For advice, contact a Poison Information centre on 131126 (Australia) or a doctor. If swallowed, do not induce vomiting.

First Aid Facilities: Eye wash facilities and safety shower should be available.

Immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is little risk of an explosion from this product if commercial quantities are involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating. Fire decomposition products from this product are likely to be harmful if inhaled. Take suitable protective measures.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials. Water fog or fine spray is the preferred medium for large fires.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of product are involved in a fire. Recommended personal protective equipment is liquid-tight chemical protective clothing and breathing apparatus.

Hazchem Code: 2R

Section 6: Accidental Release Measures

Small Spills: Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Environmental Precautions: Prevent product from entering drains and waterways.

Large Spills: Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent. Collect and seal in properly labelled container or drums for disposal.

Section 7: Handling and Storage

Safe Handling Precautions: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating. Drinking and smoking in contaminated areas.

Recommendations for Storage: Store in cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should be bunded and have appropriate ventilation systems.

Specific End Use: No Information provided.

Section 8: Exposure Control / Personal Protection

Engineering Controls: Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

Work Clothing: Wear coveralls and rubber boots and a PVC apron. If spraying, wear impervious coveralls.

Eye/face protection: Wear splash-proof goggles. When using large quantities or where heavy contamination is likely, wear a faceshield.

Skin Protection: Wear full-length PVC or full-length rubber gloves.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standards.

Biological Limits: No biological limit values have been entered for this product.

Exposure Standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Sodium Hydroxide	SWA (AUS)	-	2 Peak	-	-

Section 9: Physical and Chemical Properties

Physical Description: Liquid	Melting Point: Not avail	Freezing Point: Not avail
Colour: Colourless Liquid	Boiling Point: 100°C at 100kPa	pH: 12 - 13
Sp Grav: 1.1	Odour: Mild Chloride Odour	Water Solubility: Soluble
Evaporation rate: Not avail	Flash Point: Not Relevant	Flammability: Non Flammable
Vapour Density: As for water	Vapour Pressure: 2.37 kPa @ 20° -	

Section 10: Stability and Reactivity

Chemical Stability: This material is thermally stable when stored and used as directed.

Possibility of Hazardous

Reactions: Reacts with acids.

Conditions to Avoid: Elevated temperatures and sources of ignition.

Incompatible Materials: Acids, reducing agents, zinc, tin, aluminium and their alloys.

Hazardous Decomposition: Likely to decompose only after heating to dryness.

Section 11: Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin Contact: Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye Contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute Toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20mg/L

Skin Contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/KG

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/KG

Corrosion / Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 1A Hazard (irreversible effects to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration Hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous

Reproductive Toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Section 12: Ecological Information

Acute Aquatic Hazard: This material has been classified as a Category Acute 2 Hazard. Acute toxicity estimate (based on ingredients): 10 - 100mg/L

Toxicity: Product not tested.

Persistence and Product not tested.

Degradability:

Mobility in Soil: Product not tested.

Bioaccumulative Potential: Product not tested.

Section 13: Disposal Information

Product Disposal: Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see Section 8. Exposure Controls and Personal Protection of this SDS.

Other Considerations: Dispose of in accordance with relevant legislation.

Section 14: Transport Information

Classified As Dangerous Goods By The Criteria Of The ADG Code.

UN Number: 1719

Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S.

Dangerous Goods Class: Class 8

Packing Group: III

Hazchem Code: 2R

Section 15: Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredients: Sodium Hypochlorite, Sodium Hydroxide, are mentioned in the SUSMP.

Section 16: Other Information

SDS Author: Greg SDS Author

Version Date:

1/03/2017

This SDS is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue. All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since J.T.DIXON cannot anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State, territory legislation.