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**IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

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Company: Cleaning Essentials On the Run  
Address: 1 Audrey Court, Toowoomba, QLD, 4350  
Phone: 4636 2679 Fax: 4636 2677  
Emergency Telephone Number: Poisons Information Centre 131126

**Product Name: SODIUM HYPO**

Other Names: None  
Manufacturer's Product Code: hich  
Recommended Use: Bleach

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**HAZARDS IDENTIFICATION**

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**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA  
DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE FOR TRANSPORT**  
Risk Phrases C: Corrosive; N: Dangerous to the Environment R31; R34, R36/38  
Safety Phrases: S2-28-45-50

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**COMPOSITION / INFORMATION ON INGREDIENTS**

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**INGREDIENTS**

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Sodium Hypochlorite	7681-52-9	10
Ingredients determined not to be hazardous		to 100

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**FIRST AID MEASURES**

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**FIRST AID TREATMENT**

**Swallowed:** If swallowed, **DO NOT** induce vomiting. Give several glasses of water and seek medical advice immediately.  
**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor urgently.  
**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.  
**Inhaled:** Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. If breathing is difficult, give oxygen. Seek medical assistance if symptoms persist.  
**First Aid facilities:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.  
**Advice to Doctor:** Treat symptomatically.  
**Additional Information:** None available.

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**FIRE FIGHTING MEASURES**

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**Fire/Explosion Hazard:** This product is not combustible. Exposure to high heat sources may cause decomposition of the product and the production of toxic fumes. Fire fighters to wear self-contained breathing apparatus in the event of a fire. Use water fog, or fine spray mist to extinguish.  
**Additional Information:** No Hazchem code applicable.

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**ACCIDENTAL RELEASE MEASURES**

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**Spills and Disposal:** Remove non-essential personnel from the area. Ensure that any acids or other products of incompatible classes near the spill are removed. This product reacts vigorously with acids producing gaseous chlorine. Ventilate area around leak. Dam and recover using sand or soil. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth. Consult Local Authority on disposal.

## Product: SODIUM HYPO

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### HANDLING AND STORAGE

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**Precautions for Safe Handling and Storage:** Classified Dangerous Goods for storage. When not being used, the product containers should be stored upright, and secured with the original closure. Store in a cool area away from direct sunlight to reduce chemical breakdown. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

**Materials to Avoid:** All Class 8 acids, ammonia, petrol, diesel, hydrocarbons, or organics.

**Dispensing:** Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

**Flammability:** Non-combustible material but may cause a fire if mixed with any of the materials listed above in 'Materials to Avoid'.

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### EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Exposure Standards:** There are no exposure standards available for this product. Worksafe Australia has set an exposure standard of 3 mg/m<sup>3</sup> for Chlorine, which is a decomposition product of this material.

**Personal Protective Equipment:** Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment should be worn: chemically impervious gloves, safety glasses, overalls, waterproof apron and rubber boots. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

**Engineering Controls:** Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

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### IDENTIFICATION

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#### PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	Pale yellow liquid
Odour	Chlorine odour
Boiling Point (°C):	Approximately 100
Vapour Pressure (mmHg @ 20°C):	Not measured
Specific Gravity (g/ml @ 25°C):	1.15 – 1.17
Flashpoint (°C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Miscible with water
pH:	> 12

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### STABILITY AND REACTIVITY

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**Reactivity Hazards:** Do not store near high heat sources or acids. Reacts vigorously with acids producing dangerous gaseous chlorine. Incompatible with amines, ammonium salts, aziridine, methanol and phenylacetonitrile. Reacts with metal salts, peroxides and reducing agents.

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### TOXICOLOGICAL INFORMATION

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#### HEALTH EFFECTS

*Acute:*

**Swallowed:** May cause irritation of the gastrointestinal system. Symptoms may include pain, nausea, vomiting and diarrhoea.

**Eye:** May cause eye irritation resulting in redness, swelling and stinging.

**Skin:** May cause irritation in contact with the skin, which can result in redness and possible dermatitis.

**Inhaled:** May cause irritation to the mucous membrane and upper airways, especially if the material is heated or mists are generated. Symptoms may include coughing, wheezing and shortness of breath. Inhalation of high concentration may lead to headache, dizziness, nausea, vomiting.

**Chronic:** Prolonged or repeated exposure to this material may result in skin irritation leading to dermatitis.

**Product: SODIUM HYPO**

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**ECOLOGICAL INFORMATION**

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**Ecotoxicity:** Concentrated product harmful to environment. Ensure concentrated product is diluted well with water before disposal according to Local Authority regulations.

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**DISPOSAL CONSIDERATIONS**

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**Disposal Methods:** Dilution with water is preferred method of disposal. Dispose of as hazardous waste in an authorized hazardous waste facility in accordance with local, state and federal regulations.

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**TRANSPORT INFORMATION**

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UN Number:	1791	Proper Shipping Name:	<i>Hypochlorite Solution</i>
Class:	8	Subsidiary Risk:	None allocated
Packing Group:	<i>III</i>	Hazchem Code:	

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**REGULATORY INFORMATION**

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Poisons Schedule: 6	Hazardous substances
	C: Corrosive; N: Harmful to environment.
	R 31 Contact with acids liberates very toxic gas.
	R34 Causes burns
	R 36/38 Irritating to eyes and skin
	S 2 Keep Out of Reach of Children
	S 28 After contact with skin, wash immediately with plenty of soap suds.
	S 45 In case of accident or if you fell unwell, seek medical Advice immediately [show the label whenever possible]
	S 50 Do not mix with acids or acidic products.

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**OTHER INFORMATION**

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Further Information may be obtained by contacting the manufacturer on (07) 3166 0706.

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The information sourced for the preparation of this document was correct and complete at the time or writing to the best of the writer's 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.

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**END OF MSDS**