Safety Data Sheet

Hazardous Substance, NON-Dangerous Goods

SECTION 1 – MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product (material) name:	***VICTORY***
Recommended Use:	Alkaline, Chlorine containing Cleaning Agent
Supplier Name:	*HY.GIENE AUSTRALIA*
Supplier Address:	Unit 3, 41 Gatwick Road, BAYSWATER, Victoria 3155
Telephone:	(03) 9729 3946
Fax:	(03) 9729 3942
Email:	info@hygieneaustralia.com.au
Website	www.hygieneaustralia.com.au

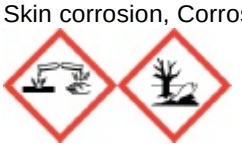
Emergency Telephone Number: 1800 334 556

Product Name:	VICTORY
Other Name:	Thick Gel Bleach

SECTION 2 – HAZARDS IDENTIFICATION

Hazardous according to criteria of Safe Work Australia. HAZARDOUS SUBSTANCE
GHS classification:
Skin corrosion/irritation, Category 2, H315)
Serious eye damage/Eye irritation, Category 1, H318)
Hazardous to the aquatic environment: Acute hazard, Category 1, H400)

Signal Word: Danger
Skin corrosion, Corrosive to eyes & Aquatic Toxicity



Hazard statements:

EUH031: Contact with acids liberate toxic gas.
H318: Causes serious eye damage.
H400: Very toxic to aquatic life.

Hazard Category: Xi Irritant

R-phrase(s)
R31: Contact with acids liberate toxic gas
R36: Irritating to eyes
R38: Irritating to skin
R41: Risk of serious damage to eyes
R50: Very toxic to aquatic organisms

S-phrase(s)
S25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27: Take off immediately all contaminated clothing.

S28: After contact with skin, wash immediately with plenty of water.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
S50: Do not mix with acids, peroxides, metal salts and reducing agents

Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Code (ADG Code) for transport by road or rail. Refer to relevant regulations for storage and transport requirements.

Poisons Schedule (Aust.): S5

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

Sodium hypochlorite	7681-52-9	< 5%	R31, R34, R41, R50
Potassium Hydroxide	1310-58-3	< 1%	R22, R35, R41
Non-ionic Surfactant	61788-90-7	< 10%	R38, R41
Non-Hazardous Components		> 60%	-

SECTION 4 – FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor

INGESTION: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical assistance.

EYE CONTACT: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Seek immediate medical assistance.

SKIN CONTACT: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.

INHALATION: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Notes to physician: Treat symptomatically. Can cause corneal burns. Delayed pulmonary oedema may result.

SECTION 5 – FIRE FIGHTING MEASURES

Specific Hazards: Non-combustible material.

Fire fighting further advice: Not combustible. Decomposes on heating, liberating toxic fumes including those of chlorine. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.

Suitable extinguishing media: Not combustible, however, if involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Clear area of unprotected personnel. Wear protective equipment to prevent skin and eye contamination and inhalation of vapour. If contamination of sewers or waterways has occurred advise local emergency services.

Slippery when spilt. Avoid accidents clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material) Collect and seal in properly labelled containers or drums for disposal.

SECTION 7 – HANDLING AND STORAGE

This material is Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations

Storage: Store in a cool (below 40C), well ventilated, dry place out of direct sunlight. Store away from acids and reducing agents. Store away from foodstuffs.

Handling: Avoid skin and eye contact and breathing in of vapours. Keep out of reach of children.

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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:
No value assigned for this specific material by the National Occupational Health and Safety Commission However, Exposure Standards for constituents:

Potassium Hydroxide: Peak Limitation = 2mg/m3
Chlorine: Peak Limitation = 3mg/m3

As published by the National Occupational Health and Safety Commission.

Peak Limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept as low a level as workable.

Engineering measures:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Use with local exhaust ventilation. Keep containers closed when not in use.

Personal protection equipment:

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors. PPE Guide: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES(S), FACE SHIELD, APRON

Avoid skin and eye contact and inhalation of vapour. Wear overalls, chemical goggles and impervious gloves. If risk of inhalation exists, wear air supplied respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour	:Liquid, pale yellow with chlorine odour.
Solubility	:Miscible in water.
Specific Gravity (20C)	:1.075
pH (1% aq. soln.)	:> 10.5
Solubility in water (g/L).	:Miscible

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. The amount of chlorine diminished with time.

Conditions to avoid: Avoid contact with foodstuffs. Avoid contact with acids

Incompatible materials: Incompatible with acids, metals, metal salts, ethylene diamine tetraacetic acid.

Hazardous decomposition products: Chlorine

Hazardous reactions: None known

SECTION 11 – TOXICOLOGICAL INFORMATION

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

Ingestion: Swallowing can result in vomiting, diarrhoea, abdominal pain and chemical burns of 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.

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

Inhalation: Breathing in mists or aerosols may produce respiratory irritation.

Long term effects: No information available for product.

Acute toxicity / Chronic toxicity: No LD50 data available for product.
For the sodium hypochlorite: Oral LD50 (mice): 5800 mg/kg. EYES (rabbit): moderate irritant. For the Potassium Hydroxide: SKIN: Severe irritant (human) EYES (rabbit): Severe irritant.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways

Persistence/degradability: This material is biodegradable

Aquatic toxicity: Very toxic to aquatic organisms

SECTION 13 – DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Decontamination and destruction of containers should be considered.

SECTION 14 – TRANSPORT INFORMATION

Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

Marine Transport: Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea

Air Transport: Not Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) for transport by air.

SECTION 15 – REGULATORY INFORMATION

Hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE

Poisons Schedule (Aust.): S5

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16 – REGULATORY INFORMATION

(1) Supplier Safety Data Sheet.

This Safety Data sheet has been prepared by HY.GIENE AUSTRALIA PTY LTD
Issue Date: 1st November 2016
Reason for Issue: first version
This SDS summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. As each workplace is different each user must, prior to use, review thus SDS in the context of how the user intends to handle and use the product in the workplace.
If clarification of further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.