



POWER BLEACH

Page 1 of 10

Safety Data Sheet

Section 1 – Identification

Product Identifier	
Product name	Power Bleach
Chemical name	Not Applicable
Synonyms	Not Applicable
Proper shipping name	Not Applicable
Chemical formula	Not Applicable
Other means of identification	CH900412, CH900414, CH900422
CAS number	Not Applicable

Recommended use of the chemical and restrictions on use	
Relevant identified uses	Chlorinated Bleach

Details of the manufacturer or importer	
Registered company name	ECOCLEAN UTILITY AGENCIES PTY LTD
Address	26 Notar Drive, Ormeau, Queensland, Australia, 4208
Telephone	(07) 5549 3666
Website	www.ecocleanavantichem.com.au

Emergency Telephone Number	
Association / Organisation	Poisons Information Centre
Emergency telephone number	13 11 26
Other emergency telephone numbers	1300 123 499

Section 2 – Hazard(s) Identification

Classification of the substance or mixture	
Poisons Schedule	5




POWER BLEACH

Page 2 of 10

Safety Data Sheet

GHS Classification	Eye Damage/Irritation Category 2A, Skin Corrosion/Irritation Category 2. (Classification drawn from HSIS)
---------------------------	--

Label elements	
GHS label pictograms	
Signal word	WARNING

Hazard statement(s)	
H315	Causes skin irritation.
H319	Causes serious eye irritation.
AUH031	Contact with acids liberates toxic gas.

Precautionary statement(s): Prevention	
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves.

Precautionary statement(s): Response	
P302+P313+P332+P352+P362	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs get medical advice.
P305+P313+P337+P338+P351	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice

Precautionary statement(s): Storage	
P403+P235	Store in a well-ventilated place. Keep cool.

Precautionary statement(s): Disposal	
P501	Dispose of contents / container in accordance with local government regulations.



POWER BLEACH

Page 3 of 10

Safety Data Sheet

Section 3 – Composition and Information on Ingredients

Ingredient	CAS Number	Proportion
Sodium Hydroxide	1310-73-2	<10%
Sodium Hypochlorite	7681-52-9	<10%
Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.		

Section 4 – First Aid Measures

Description of necessary first aid measures	
Eye Contact	<p>If this product comes in contact with eyes:</p> <ul style="list-style-type: none"> Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin contact	<p>If skin contact occurs:</p> <ul style="list-style-type: none"> Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs get medical advice.
Inhalation	<ul style="list-style-type: none"> Remove to fresh air. Seek medical advice if symptoms occur.
Ingestion	<ul style="list-style-type: none"> Do NOT induce vomiting. Rinse Mouth. Give water to drink. Seek medical advice if symptoms occur.

Medical attention and special treatment

<ul style="list-style-type: none"> Treat symptomatically. Concentrated solution can cause corneal burns.
--

Section 5 – Fire Fighting Measures

Suitable extinguishing equipment / media



POWER BLEACH

Page 4 of 10

Safety Data Sheet

	<ul style="list-style-type: none"> Not combustible, however, if material is involved in a fire use an extinguisher agent suitable for the surrounding fire.
--	--

Special hazards arising from the chemical

Fire incompatibility	<ul style="list-style-type: none"> No specific hazard.
-----------------------------	---

Special protective equipment and precautions for fire fighters

Fire Fighting	<ul style="list-style-type: none"> Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus in the event of a fire.
Fire/Explosion Hazard	<ul style="list-style-type: none"> Decomposes on heating emitting toxic fumes.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Minor spills	<ul style="list-style-type: none"> Ensure suitable equipment and PPE is used. Dispose of waste in accordance with local rules.
Major spills	<ul style="list-style-type: none"> Increase ventilation. The following PPE is recommended to reduce risk: Safety Glasses, Chemical Resistant Shoes & Gloves, long sleeves / trousers. Remove non-essential personnel from the area. Ensure that any products of incompatible classes near the spill are removed.

Environmental precautions

	<ul style="list-style-type: none"> Contain large spills/releases using appropriate bunding or capping. Prevent entry into drainage systems, sewers and waterways.
--	---

Methods and materials for containment and cleaning up

	<ul style="list-style-type: none"> The following PPE is recommended to reduce risk: Safety Glasses, Chemical Resistant Shoes & Gloves, long sleeves / trousers.
--	--

Section 7 – Handling and Storage

Precautions for safe handling

Safe handling	<ul style="list-style-type: none"> Use clean dispensing equipment.
----------------------	---

POWER BLEACH

Page 5 of 10

Safety Data Sheet

	<ul style="list-style-type: none"> • Use appropriate PPE. • Always add product to water when diluting.
--	--

Conditions for safe storage, including any incompatibilities

Suitable container	<ul style="list-style-type: none"> • Store in a cool, dry, well ventilated place. • Store away from foodstuffs. • Store in original containers whenever possible. • Do not store in metal containers without prior approval. • Check container compatibility before transfer. • Keep containers closed when not in use - check regularly for leaks. • Ensure good housekeeping in storage area.
Storage incompatibility	<ul style="list-style-type: none"> • Store away from incompatible materials described in Section 10.

Section 8 – Exposure controls and personal protection


Control parameters

Occupational Exposure Limits (OEL)	See Ingredients Data and Emergency Limits below.
---	--

Ingredients data

Source	Ingredient	CAS Number	TWA	STEL	Peak	Notes
Australian Exposure Standards	Sodium Hydroxide	1310-73-2	2mg/m ³	None allocated	2mg/m ³	Not Available
	Sodium Hypochlorite	7681-52-9	None allocated	None allocated	None allocated	

Exposure controls

Appropriate engineering controls	<ul style="list-style-type: none"> • Use sensible work practices that reduce operator exposure to the product. • Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. • Keep containers closed when not in use.
Personal protection	



POWER BLEACH

Page 6 of 10

Safety Data Sheet

Eye and face protection	<ul style="list-style-type: none"> Wear safety glasses with side shields or chemical goggles if splashing is likely.
Skin protection	<ul style="list-style-type: none"> Long sleeves/trousers/chemical resistant apron/chemical resistant boots
Hand protection	<ul style="list-style-type: none"> Chemical resistant gloves
Body protection	<ul style="list-style-type: none"> Long sleeves/trousers/chemical resistant apron/chemical resistant boots
Respiratory protection	<ul style="list-style-type: none"> If determined by a risk assessment an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Other protection	<ul style="list-style-type: none"> Not usually necessary.
Thermal hazards	<ul style="list-style-type: none"> Not available

Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Clear yellow liquid
-------------------	---------------------

Physical state	Liquid	Relative density (Water = 1)	1.02 – 1.08
Odour	Slight Chlorine	Partition coefficient n-octanol / water	Not available
Odour threshold	Not available	Auto-ignition temperature (°C)	Not available
pH (as supplied)	Ca. 12	Decomposition temperature	Not available
pH (as a solution 1%)	Not applicable	Viscosity (cSt)	Not available
Melting point / freezing point (°C)	Not available	Molecular weight (g/mol)	Not available
Initial boiling point and boiling range (°C)	Not available	Taste	Not available
Flash point (°C)	Not available	VOC g/L	Not available
Evaporation rate	Not available	Volatile Component (%vol)	Not available
Flammability	Not flammable		
Upper Explosive Limit (%)	Not available		
Lower Explosive Limit (%)	Not available		



POWER BLEACH

Page 7 of 10

Safety Data Sheet

Vapour pressure (kPa)	Not available		
Solubility in water (g/L)	Completely miscible		
Vapour density (Air = 1)	Not available		

Section 10 – Stability and Reactivity

Section 10 – Stability and Reactivity	
Reactivity	<ul style="list-style-type: none">Do not mix with other chemicals without prior approval.
Chemical stability	<ul style="list-style-type: none">Unstable in the presence of incompatible materials.Product is considered stable.Hazardous polymerisation will not occur.
Possibility of hazardous reactions	<ul style="list-style-type: none">Chlorine gas may be produced if mixed with acids.
Conditions to avoid	<ul style="list-style-type: none">Avoid contact with food stuffs.
Incompatible materials	<ul style="list-style-type: none">Acids, oxidising substances, reducing substances
Hazardous decomposition products	<ul style="list-style-type: none">Oxygen or chlorine gas may be released upon decomposition.

Section 11 – Toxicological Information

No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer. Symptoms that may result if the product is mishandled or if overexposure occurs include:

Information on toxicological effects	
Inhaled	Inhalation of fine mists may cause irritation and chemical burns to the respiratory tract and nasal passages
Ingestion	May cause severe irritation to the mouth and digestive tract.
Skin contact	May cause irritation to the skin. Prolonged contact may cause chemical damage.
Eyes	Will cause severe irritation and possible permanent damage.
Chronic	Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.

Section 12 – Ecological Information

Toxicity
Expected to be harmful to the environment



POWER BLEACH

Page 8 of 10

Safety Data Sheet

Persistence and degradability

Hypochlorites are non-persistent in the environment and there is no accumulation potential as they gradually decompose into a salt and oxygen.

Bioaccumulative potential

Ingredient	Bioaccumulation
	No data available

Mobility in soil

May leach to groundwater with resultant toxicity to aquatic organisms

Section 13 – Disposal considerations

Waste treatment methods

Product and Packaging Disposal	Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.
---------------------------------------	--

Section 14 – Transport Information

Labels Required

Transport pictogram	Not applicable
Marine Pollutant	No
HAZCHEM	Not applicable

Land Transport (ADG)

UN Number	None
Packing Group	None
UN Proper shipping name or Technical name	None
Environmental hazard	None
Transport hazard class(es)	Class: None
	Sub risk: None



POWER BLEACH

Page 9 of 10

Safety Data Sheet

Special Precautions for user	None
Additional information	Hypochlorite based product. Avoid transportation and storage with incompatible substances.

Section 15 – Regulatory Information

Health, safety and environment regulations	

Section 16 – Other Information

Issue Date	17th July 2015
Version Number	V2.6
Abbreviations and acronyms	<p>ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>AICS: Australian Inventory of Chemical Substances.</p> <p>CAS Number: Chemical Abstracts Service Registry Number.</p> <p>GHS: Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.</p> <p>HSIS: Hazardous Substances Information System</p> <p>IARC: International Agency for Research on Cancer.</p> <p>NOHSC: National Occupational Health and Safety Commission.</p> <p>NTP: National Toxicology Program (USA).</p> <p>SDS: Safety Data Sheet</p> <p>STEL: Short Term Exposure Limit.</p> <p>SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons.</p> <p>TWA: Time Weighted Average.</p> <p>UN Number: United Nations Number.</p>
Literature references	<ul style="list-style-type: none"> • Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia) • GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia) • Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.



POWER BLEACH

Page 10 of 10

Safety Data Sheet

	<ul style="list-style-type: none">Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.
Risk assessments	This SDS is a tool to communicate hazards which can assist you in creating relevant risk assessments for your workplace. There are many variables in determining whether a particular hazard is a risk in your workplace. Keep in mind this may be influenced by such things as the amount used, frequency of use, engineering controls, effectiveness of safety training and many more considerations.
Disclaimer	Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact XO2 Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.
Copyright	This document is copyright.

Document Revision History

Revision Version #	Date	Reason for revision
Draft		GHS format
2.6	17/07/2015	Review by RW (SB)

End of SDS