

# Safety Data Sheet

## Section 1: Identification of the Substance and the Supplier.

**Product Name:** **Plus White**  
**Recommended use:** Oxygen bleach powder  
**Company details:** Aakland Chemicals (1997) Ltd  
**Address:** 12 Wigram Close, Sockburn  
PO Box 323, Christchurch 8140  
**Telephone number:** +64 3 341 8490 **Facsimile:** +64 3 341 8491  
**Email:** [lab@aakland.co.nz](mailto:lab@aakland.co.nz)  
**Emergency Phone No:** 0800 243 622 (0800 CHEMCALL) for out of hours advice

## Section 2: Hazards identification

**Road and Rail Transport:** Not Classified as a Dangerous Good under NZS 5433:2007 (Transport of Dangerous Goods on Land)

**SIGNAL WORD:** Warning

<b>HSNO classifications:</b>	<b>GHS classifications:</b>
6.1 E	Aspiration hazard Category 1
6.1 D	Acute dermal toxicity, Category 4
6.3 A	Skin irritation Category 2
6.4 A	Eye irritation Category 2
9.1 D	Hazardous to the aquatic environment chronic Category 4
9.3 C	Hazardous to terrestrial vertebrates

**EPA NZ Approval:** HSR 002530 Cleaning Products (Subsidiary) Group Standard



### Hazard Statement(s):

H303 – May be harmful if swallowed.  
H315 – Causes skin irritation.  
H319 – Causes serious eye irritation.  
H332 – Harmful if inhaled.  
H402 – Harmful to aquatic life.  
H433 – Harmful to terrestrial vertebrates.

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## Precautionary Statements

### Prevention:

- P102 – Keep out of reach of children.
- P103 – Read label before use.
- P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 – Wash hands thoroughly after handling.
- P271 – Use only outdoors in a well ventilated area.
- P273 – Avoid release to the environment.
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

- P101 – If medical advice is needed, have product container or label at hand.
- P302+P352 – IF ON SKIN: Wash with plenty of soap and water.
- P304+P340 – IF INHALED: Remove to fresh air and keep at rest in position comfortable for breathing.
- P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
- P321 – Specific treatment: none specified.
- P332+P313 – If skin irritation occurs: Get medical advice/attention.
- P337+P313 – If eye irritation persists: Get medical advice/attention.
- P362 – Take off contaminated clothing and wash before reuse.

### Disposal

- P501 – Dispose of the product and packaging at an approved landfill or other approved facility. Avoid contamination of waterways. Do not use container for any other purpose.

## Section 3: Information on Ingredients

Components	CAS Number	Proportion
Sodium Carbonate	497-19-8	15-35 % w/w
Sodium Carbonate Peroxyhydrate	15630-89-4	15-35 % w/w
Surfactant	68411-30-3	1-5 % w/w
Non Hazardous Ingredients	-	Balance to 100%

## Section 4: First Aid Measures

- First Aid:** Call a Doctor or National Poisons Centre 0800 POISON (0800 764 766) following first aid treatment.
- Skin Contact:** Rinse skin with plenty of water. Wash contaminated clothing before re-use. Call a POISON CENTRE or doctor if skin irritation occurs.
- Eye Contact:** Rinse with water for several minutes, remove contact lenses if present and easy to do, continue rinsing. **Seek medical attention.**
- Ingestion:** Rinse mouth, do **NOT** induce vomiting. Call a POISONS CENTRE or doctor if you feel unwell.
- Inhalation:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISONS CENTRE or doctor if you feel unwell.
- Medical attention and special treatment:** Treat symptomatically

## Section 5: Fire Fighting Measures

- Hazards from combustion products:** Under extreme heat may produce oxides of carbon and may release oxygen to support combustion.
- Precautions for fire fighters and special protective equipment:** Wear self-contained breathing apparatus and protective clothing when in close proximity or in confined spaces.
- Suitable extinguishing media:** all means of extinguishing are acceptable.
- Hazchem:** N/A

## Section 6: Accidental Release Methods

- Method and materials for containment and clean up:** Sweep up dust and transfer to plastic drums for approved disposal. Wash away very small spills with water.

## Section 7: Handling and Storage

- Precautions for safe handling:** Avoid contact with water or excess humidity. Do not breathe dust. Use only with good ventilation. Wear protective gloves, clothing and eye protection.
- Conditions for safe storage:** Store dry. Store away from foodstuffs. Keep out of reach of children.

## Section 8: Exposure controls/Personal protection

<b>Workplace Exposure guidelines:</b>	Particulates not otherwise classified: WES-TWA 10mg/m <sup>3</sup> Inspirable dust WES-TWA 3mg/m <sup>3</sup> Respirable dust
<b>Ventilation specification:</b>	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible
<b>Personal Protective equipment:</b>	Wear protective clothing, eye-protection, dust mask

## Section 9: Physical and Chemical Properties

<b>Physical state:</b>	Powder
<b>Colour:</b>	Off-white
<b>Odour:</b>	None
<b>Solubility in water:</b>	100%
<b>Specific gravity:</b>	Not Determined
<b>Flash point (°C):</b>	Not Applicable
<b>pH:</b>	1% Solution; 10-11

## Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	None
<b>Material to avoid:</b>	None
<b>Hazardous reactions:</b>	None

## Section 11: Toxicological Information

<b>Ingestion:</b>	ENDPOINT: LD50 VALUE: approx 3000 mg/kg REFERENCE: Calculated based on component chemicals using mixture rules set out in the following: <a href="http://www.ermanz.govt.nz/resources/publications/pdfs/Assigining%20a%20Hazardous%20Substance%20to%20a%20Group%20Standard.pdf">http://www.ermanz.govt.nz/resources/publications/pdfs/Assigining%20a%20Hazardous%20Substance%20to%20a%20Group%20Standard.pdf</a>
<b>Eye contact:</b>	Not Determined
<b>Skin contact:</b>	Not Determined
<b>Inhalation:</b>	ENDPOINT: LD50 VALUE: approx 3 mg/L REFERENCE: Calculated based on component chemicals using mixture rules set out in the following: <a href="http://www.ermanz.govt.nz/resources/publications/pdfs/Assigining%20a%20Hazardous%20Substance%20to%20a%20Group%20Standard.pdf">http://www.ermanz.govt.nz/resources/publications/pdfs/Assigining%20a%20Hazardous%20Substance%20to%20a%20Group%20Standard.pdf</a>
<b>Long term effects:</b>	Not Determined

## Section 12: Ecological information

The following information relates to 100% Sodium Carbonate Peroxyhydrate

**Ecotoxicity:** SPECIES: Pimephales promelas (Fish, fresh water)  
TYPE OF EXPOSURE: Static  
DURATION: 96 hr  
ENDPOINT: LC50  
VALUE: 70.7 mg/l  
REFERENCE SOURCE: Solvay S.A. Bruxelles Solvay Interlox S.A.  
Bruxelles (3) Shurtleff L.E. (1989), Solvay Interlox report  
Burlington Research Inc., November 4 [IUCLID 2000]

**Biocumulative:** No

**Rapidly Degradable:** Yes

## Section 13: Disposal considerations

**Disposal methods:** Dispose of the product and packaging at an approved landfill or other approved facility. Avoid contamination of waterways. Do not use container for any other purpose.

## Section 14: Transport information

**Road and Rail Transport:** Not Classified as a Dangerous Good under NZS  
5433:2007 (Transport of Dangerous Goods on Land)

**Marine, Air Transport:** Similar listing as for Road and Rail Transport apply

## Section 15: Regulatory Information

**EPA NZ Approval:** HSR 002530 Cleaning Products (Subsidiary) Group Standard

**MPI Approved** (all animal products except dairy) C33

## Section 16: Other information

**Disclaimer:** This SDS summarises our best knowledge at the date of issue, the chemical health and safety limits of the material and general guidance on how to safely handle the material in the workplace. Since Aakland Chemicals (1997) Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Aakland Chemicals (1997) Ltd

Revision History: Version 2.0 created on December 2009.  
Updated to version 2.1 on September 2013. Reason for update: Periodical Review.  
Updated to version 2.2 on May 2018. Reason for update: Section 2 revised.  
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