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**Disclaimer:**

*CHESSER CHEMICALS Pty Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.*

## Product: SATELLITE PEROXY

**HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

**SIGNAL WORD: DANGER**



 **Emergency Response No: CHEMWATCH 1800 951 288**

### RECOMMENDED PPE



### Hazard Statements

#### Physical hazards

H272

May intensify fire; oxidiser

#### Health hazards

H302+H332

Harmful if swallowed or if inhaled.

H315

Causes skin irritation

H318

Causes serious eye damage

H335

May cause respiratory irritation.

## 1 IDENTIFICATION

### IDENTIFICATION

Product Code: S04PE  
Product Name: SATELLITE PEROXY  
Other Names: Not applicable  
Product Use: Laundry bleach  
Restrictions on use: Use as directed. Strong oxidising agent, designed to be automatically dispensed by electronic equipment.

### COMPANY DETAILS

Company: CHESSER CHEMICALS Pty Ltd  
ABN Number: 67 008 262 039  
Address: 124 Days Road  
FERRYDEN PARK SA 5010  
Telephone Number: (08) 8406 0000  
Facsimile Number: (08) 8406 0099  
Emergency Telephone Number: CHEMWATCH 1800 951 288  
Other Information: This information summarises our best knowledge on the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

## 2 HAZARD IDENTIFICATION

### HAZARDOUS SUBSTANCE DANGEROUS GOODS

according to criteria of Safe Work Australia  
as classified by the criteria of the Australian Dangerous Goods  
Code (ADG Code) for Transport by Road and Rail.

#### Classification of the substance or mixture:

Oxidising Liquids - Category 2  
Skin Corrosion - Category 2  
Eye Damage - Category 1  
Acute Dermal Toxicity - Category 4  
Acute Inhalation Toxicity - Category 4  
STOT single exposure - Category 3

#### SIGNALWORD:

#### DANGER



Flame over circle



Corrosion



Exclamation Mark

#### Hazard Statements

##### Physical hazards

H272 May intensify fire; oxidiser

##### Health hazards

H302+H332 Harmful if swallowed or if inhaled.  
H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage  
H336 May cause respiratory irritation.

##### Environmental hazards

H401 Toxic to environmental life

#### Precautionary statements

##### General precautionary statements

##### Prevention precautionary statements

P210 Keep away from heat / sparks / open flames / hot surfaces. No smoking.  
P220 Keep / Store away from clothing / incompatible materials / combustible materials.

|      |                                                                                  |
|------|----------------------------------------------------------------------------------|
| P221 | Take any precaution to avoid mixing with combustibles / incompatible materials.  |
| P233 | Keep container tightly closed                                                    |
| P260 | Do not breathe dust / fume / gas / mist / vapours / spray.                       |
| P264 | Wash exposed skin thoroughly after handling.                                     |
| P270 | Do not eat, drink or smoke when using this product.                              |
| P271 | Use only outdoors or in a well-ventilated area.                                  |
| P280 | Wear protective gloves / protective clothing / eye protection / face protection. |

## Response precautionary statements

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                                                                               |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P363           | Wash contaminated clothing before re-use.                                                                                        |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |
| P310           | Immediately call a POISON CENTRE or doctor/physician.                                                                            |
| P321           | Specific treatment (see First Aid Measures on Safety Data Sheet).                                                                |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P391           | Collect Spillage.                                                                                                                |

## Storage precautionary statements

|           |                                                                 |
|-----------|-----------------------------------------------------------------|
| P403+P233 | Store in a well ventilated place. Keep container tightly closed |
| P405      | Store locked up.                                                |

## Disposal precautionary statements

|      |                                                                                                     |
|------|-----------------------------------------------------------------------------------------------------|
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |
|------|-----------------------------------------------------------------------------------------------------|

**Poisons Schedule (SUSMP):** S6 Poison.

## 3 COMPOSITION

### Ingredients

| Chemical Entity   | CAS Number  | Proportion | Risk Phrases |
|-------------------|-------------|------------|--------------|
| HYDROGEN PEROXIDE | [7722-84-1] | 25%        |              |
| WATER             | [7732-18-5] | 75%        |              |

## 4 FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once. Urgent hospital treatment is likely to be needed.

**Inhalation:** Remove victim from area of 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. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital.

**Skin Contact:** If spilt on large areas of skin or hair, immediately drench with running water and remove clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) until advised to stop by the Poisons Information Centre or a doctor.

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

**Ingestion:** Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Immediately give a glass of water. Seek immediate medical assistance.

### Indication of immediate medical attention and special treatment needed:

Treat symptomatically. Can cause corneal burns.

**5 FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

**Hazchem or Emergency Action Code:** 2P

**Specific hazards arising from the substance or mixture:** Oxidizing substance. Non combustible, but will support combustion of other materials.

**Special protective equipment and precautions for fire-fighters:** Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. If safe to do so, remove containers from the path of fire. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

**6 ACCIDENTAL RELEASE MEASURES**

**Emergency procedures/Environmental precautions:** Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

**Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**

If enough water is available dilute to <3%, flood area with water and drain to an approved chemical sewer or wastewater treatment system, including municipal sewers if approved. If only limited water is available (not enough to dilute spill to 3% concentration), use water for potential fire fighting of combustible materials. Contain spill until decomposition is completed naturally.

**7 HANDLING AND STORAGE**

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

**Precautions for safe handling:** Avoid skin and eye contact and breathing in vapour, mists and aerosols. Keep out of reach of children. Do not return unused product to original container.

**Conditions for safe storage, including any incompatibilities:** Store in cool place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

**8 EXPOSURE CONTROL / PERSONAL PROTECTION****Control Parameters:**

No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for constituent(s): **Hydrogen peroxide:** 8hr TWA = 1.4 mg/m<sup>3</sup> (1 ppm)

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

**TWA** - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week. These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Appropriate engineering controls:**

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Workplace Exposure Standards. Keep containers closed when not in use. If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protection Guide information (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

**Individual protection measures, such as Personal Protective Equipment (PPE):**

The selection of PPE is dependant 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.

CHEMICAL GOGGLES



GLOVES (Long, chemically impervious,)



Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.



If risk of inhalation exists, wear suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                                          |                               |
|------------------------------------------|-------------------------------|
| <b>Physical state:</b>                   | Clear Liquid                  |
| <b>Colour:</b>                           | Colourless                    |
| <b>Odour:</b>                            | Slightly Pungent , Irritating |
| <b>Solubility:</b>                       | Miscible with water.          |
| <b>Specific Gravity:</b>                 | 1.196                         |
| <b>Relative Vapour Density (air =1):</b> | Not available                 |
| <b>Vapour Pressure (20 °C):</b>          | 18 Torr @ 30°C                |
| <b>Flash Point (°C):</b>                 | Not applicable                |
| <b>Flammability Limits (%):</b>          | Not applicable                |
| <b>Autoignition Temperature (°C):</b>    | Not applicable                |
| <b>Boiling Point/Range (°C):</b>         | 114                           |
| <b>pH:</b>                               | <4                            |
| <b>Freezing Point/Range (°C):</b>        | -52                           |

**10 STABILITY AND REACTIVITY**

|                                            |                                                                                                                                                                                                            |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                         | No information available.                                                                                                                                                                                  |
| <b>Chemical stability:</b>                 | Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.                                                                                                   |
| <b>Possibility of hazardous reactions:</b> | None known.                                                                                                                                                                                                |
| <b>Conditions to avoid:</b>                | Avoid exposure to heat.                                                                                                                                                                                    |
| <b>Incompatible materials:</b>             | Incompatible with acids , reducing agents , alkalis , heavy metals and their salts, dust , enzymes , combustible material , organic chemicals , cyanides , dirt , rust and hexavalent chromium compounds . |
| <b>Hazardous decomposition products:</b>   | Oxygen, which will support combustion.                                                                                                                                                                     |

**11 TOXICOLOGICAL INFORMATION**

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

|                         |                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ingestion:</b>       | Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract. Decomposition may occur in the stomach leading to the production of oxygen gas. This may cause distension of the stomach and the possibility of some bleeding. Death may occur if large amounts are ingested. |
| <b>Eye contact:</b>     | A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.                                                                                                                                                                                                     |
| <b>Skin contact:</b>    | Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.                                                                                                                                                                                                                                        |
| <b>Inhalation:</b>      | Breathing in mists or aerosols will produce respiratory irritation.                                                                                                                                                                                                                                                                  |
| <b>Acute toxicity:</b>  | Oral LD50 (rat): 910 mg/kg.                                                                                                                                                                                                                                                                                                          |
| <b>Chronic effects:</b> | Available evidence from animal studies indicate that repeated or prolonged exposure to this material could result in effects on the lungs.                                                                                                                                                                                           |

**12 ECOLOGICAL INFORMATION**

|                    |                                |
|--------------------|--------------------------------|
| <b>Ecotoxicity</b> | Avoid contaminating waterways. |
|--------------------|--------------------------------|

**13 DISPOSAL CONSIDERATIONS**

**Disposal methods:** Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations.

## 14 TRANSPORT INFORMATION

### Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

**UN No:** 2014  
**Transport Hazard Class:** 5.1 Oxidising agent  
**Subsidiary risk:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name:** HYDROGEN PEROXIDE, AQUEOUS SOLUTION  
**Hazchem or Emergency Action Code:** 2P



### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

**UN No:** 2014  
**Transport Hazard Class:** 5.1 Oxidising agent  
**Subsidiary risk:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name or Technical Name:** HYDROGEN PEROXIDE, AQUEOUS SOLUTION  
**IMDG EMS Fire:** F-H  
**IMDG EMS Spill:** S-Q

### Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods

Regulations for transport by air; DANGEROUS GOODS. TRANSPORT PROHIBITED under the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air in passenger aircraft and cargo aircraft.

**UN No:** 2014  
**Transport Hazard Class:** 5.1 Oxidising agent  
**Subsidiary risk:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name or Technical Name:** HYDROGEN PEROXIDE, AQUEOUS SOLUTION

## 15 REGULATORY INFORMATION

**Poisons Schedule** S6  
**EPG** 31 OXIDISING SUBSTANCES  
**AICS** All the constituents are on Inventory.

### Classification:

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

### Classification of the substance or mixture:

|                             |              |
|-----------------------------|--------------|
| Oxidising liquids           | - Category 2 |
| Skin Corrosion              | - Category 2 |
| Eye Damage                  | - Category 1 |
| Acute Toxicity (oral)       | - Category 4 |
| Acute Toxicity (Inhalation) | - Category 4 |
| STOT single exposure        | - Category 3 |

### Hazard Statement(s):

#### Physical hazards

H272 May intensify fire; oxidiser

#### Health hazards

H302+H332 Harmful if swallowed or if inhaled.  
H315 Causes skin irritation  
H318 Causes serious eye damage  
H335 May cause respiratory irritation.

**16 OTHER INFORMATION****Literature References** No data available.**Sources for Data** No data available.**Legend to Abbreviations and Acronyms**

|                         |                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <                       | less than                                                                                                                                           |
| >                       | greater than                                                                                                                                        |
| <b>AICS</b>             | Australian Inventory of Chemical Substances                                                                                                         |
| <b>CAS</b>              | Chemical Abstracts Service (Registry Number)                                                                                                        |
| <b>cm<sup>2</sup></b>   | square centimetres                                                                                                                                  |
| <b>CO<sub>2</sub></b>   | Carbon Dioxide                                                                                                                                      |
| <b>COD</b>              | Chemical Oxygen Demand                                                                                                                              |
| <b>deg C (°C)</b>       | degrees Celsius                                                                                                                                     |
| <b>ERMA</b>             | Environmental Risk Management Authority                                                                                                             |
| <b>G</b>                | gram                                                                                                                                                |
| <b>g/cm<sup>3</sup></b> | grams per cubic centimetre                                                                                                                          |
| <b>LD50</b>             | LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals |
| <b>Ltr</b>              | Litre                                                                                                                                               |
| <b>m<sup>3</sup></b>    | cubic metre                                                                                                                                         |
| <b>mbar</b>             | millibar                                                                                                                                            |
| <b>mg</b>               | milligram                                                                                                                                           |
| <b>mg/24H</b>           | milligrams per 24 hours                                                                                                                             |
| <b>mg/kg</b>            | milligrams per kilogram                                                                                                                             |
| <b>mg/m<sup>3</sup></b> | milligrams per cubic metre                                                                                                                          |
| <b>Misc</b>             | miscible                                                                                                                                            |
| <b>Miscible</b>         | liquids form one homogeneous liquid phase regardless of the amount of either component present                                                      |
| <b>mm</b>               | millimetre                                                                                                                                          |
| <b>mPa.s</b>            | milli Pascal per second                                                                                                                             |
| <b>N/A</b>              | Not Applicable                                                                                                                                      |

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>g/l</b>              | grams per litre                                                                                                                                                                                                                  |
| <b>HSNO</b>             | Hazardous Substance and New Organism                                                                                                                                                                                             |
| <b>IDLH</b>             | Immediately Dangerous to Life and Health                                                                                                                                                                                         |
| <b>Immiscible</b>       | liquids are insoluble in each other                                                                                                                                                                                              |
| <b>Kg</b>               | kilogram                                                                                                                                                                                                                         |
| <b>kg/m<sup>3</sup></b> | kilograms per cubic metre                                                                                                                                                                                                        |
| <b>LC50</b>             | LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours. |
| <b>NOHSC</b>            | National Occupational Health and Safety Commission                                                                                                                                                                               |
| <b>OECD</b>             | Organization for Economic Co-operation and Development                                                                                                                                                                           |
| <b>PEL</b>              | Permissible Exposure Limit                                                                                                                                                                                                       |
| <b>ppb</b>              | parts per billion                                                                                                                                                                                                                |
| <b>ppm</b>              | parts per million                                                                                                                                                                                                                |
| <b>ppm/2h</b>           | parts per million per 2 hours                                                                                                                                                                                                    |
| <b>ppm/6h</b>           | parts per million per 6 hours                                                                                                                                                                                                    |
| <b>RCP</b>              | Reciprocal Calculation Procedure                                                                                                                                                                                                 |
| <b>STEL</b>             | Short Term Exposure Limit                                                                                                                                                                                                        |
| <b>STOT</b>             | Single Target Organ Toxicity                                                                                                                                                                                                     |
| <b>TLV</b>              | Threshold Limit Value                                                                                                                                                                                                            |
| <b>tne</b>              | tonne                                                                                                                                                                                                                            |
| <b>TWA</b>              | Time Weighted Average                                                                                                                                                                                                            |
| <b>ug/24H</b>           | micrograms per 24 hours                                                                                                                                                                                                          |
| <b>UN</b>               | United Nations (number)                                                                                                                                                                                                          |
| <b>Wt</b>               | weight                                                                                                                                                                                                                           |

**Date Prepared:**Friday 2<sup>nd</sup> February 2024

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Supersedes:

Monday 25<sup>th</sup> March 2019

Update CHEMWATCH Phone Number

Update Dates



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