

## Technical innovation and excellence in performance

# **PRODUCT INFORMATION SHEET** SAF T GARD OXY SAN

TASMAN CHEMICALS

**50% TECHNICAL HYDROGEN PEROXIDE** SOLUTION FOR LAUNDRY BLEACHING

#### Description

**SAF\_T\_GARD** Oxy San is a oxygenated activated bleach and sanitiser.

### Application

- 1. Reduction in processing time.
- 2. The most cost effective bleach available.
- 3. Safe and effective for all fabric types.
- 4. Reduces sorting time as coloureds can be processed with whites.
- 5. Minimal effect on tensile strength of fabrics.
- 6. Reduction in rewash.
- 7. Non-polluting simplifies waste water control.
- 8. Fitted with patented Saf\_T\_Gard Close Loop system to enable proper flow and increased end user safety.

#### **Properties**

**SAF\_T\_GARD** Oxy San is a clear, odourless, water like liquid. It is non-flammable and miscible in all proportions with water. SAF\_T\_GARD Oxy San is stable for long periods of storage. SAF\_T\_GARD Oxy San is an extremely powerful bactericide. SAF\_T\_GARD Oxy San oxidises medicine stains more effectively than chlorine bleaches, and removes many stains, e.g. Hibitane, which are otherwise set by chlorine bleaches. Hydrogen Peroxide bleaching has proved to be less than half the cost of organic chlorine bleaches.

#### Directions

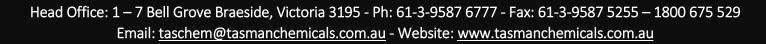
#### **BATCH PROCESS**

Best results are achieved by adding SAF\_T\_GARD Oxy San to the main detergent wash. The temperature of the wash solution should be as hot as possible to eliminate a separate bleach stage - minimum temperature 80°Celcius .

#### **CONTINOUS PROCESS**

SAF\_T\_GARD Oxy San should be metered into the machine prior to the zone of highest temperature and alkalinity for optimum results.

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied. Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.





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#### Directions (con)

#### **USE RATE**

For normally soiled work, it is suggested that a dose rate of 35 mls. per 45 kg dry weight linen be used. The graph following indicates the recommended dosages for various machine loads.

#### STOCK SOLUTION ADDITION

Most operators find the preferred method of addition is to prepare a stock solution of SAF\_T\_GARD Oxy San by diluting the 50% concentrate with water, e.g. 1.5 litres **SAF\_T\_GARD Oxy San** to 50 litres water.

Dosage: 2 litres solution per 45kg dry load line. Stronger solutions can be prepared to suit individual plants.

#### **REPRESENTATIVE WASHCYCLE**

45kg dry weight. Sheets, pillow cases, towels, table-cloths, abattoir overalls.

<b>OPERATION</b>	<b>LEVEL</b>	<b>TEMP</b>	<u>TIME</u>	ADDITIVES
Flush Dump	High	Cold	4 mins 1min	
Breakwash	Low Hot		7 mins	BLUEWASH 100 gm SAF_T_GARD Oxy San 35ml
Dump			1min	
HotWash	High	Hot	7 mins	BLUEWASH 100 gm SAF_T_GARD Oxy San 35ml
Dump			1min	
Rinse 1	High	Hot	3 mins	
Dump			1min	
Rinse 2	High	Cold	3 mins	
Dump			1min	
Rinse 3	High	Warm	3 mins	
Extract			6 mins	
TOTAL TIME = 38 min	S			
Dump			1 min	
Extract			8 min	

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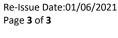


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### Directions (con)

\* Addition of SAF\_T\_GARD Oxy San to the breakwash is optional and depends on the degree of staining of soil to be removed.

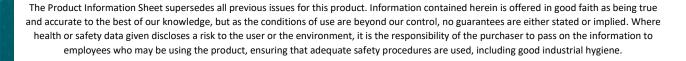
**SAF\_T\_GARD** Oxy San bleaching is revolutionising traditional attitudes to laundering and the Hospital, Institutional and Commercial launderers who have adopted Peroxide as their major bleach add testimony to its superior performance. A trial wash in your plant will determine its suitability for your operation.

#### Packaging

5 Litre polyethylene drums with fitted Saf\_T\_Gard Close Loop

### **Health Hazard Information**

See separate Health and Safety Data Sheet, available on request.



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