



Product Information Sheet

Re-Issue Date: 01/04/03

Page 1 of 2

HYDROGEN PEROXIDE

50% TECHNICAL SOLUTION FOR LAUNDRY BLEACHING

ADVANTAGES

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.

PROPERTIES

Hydrogen Peroxide is a clear, odourless, waterlike liquid. It is non-flammable and miscible in all proportions with water. Hydrogen Peroxide is stable for long periods of storage. Hydrogen Peroxide is an extremely powerful bactericide. Hydrogen Peroxide 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.

METHOD OF USE

Batch Process

Best results are achieved by adding Hydrogen Peroxide 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 180°F.

Continuous Process

Hydrogen Peroxide should be metered into the machine prior to the zone of highest temperature and alkalinity for optimum results.

USE RATE

For normally soiled work, it is suggested that a dose rate of 35 mls. (1 fl.oz.) per 100 lb. dry weight linen (80 mls. per 100 kg.) be used. The graph following indicates the recommended dosages for various machine loads.

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.

Tasman Chemicals Pty Ltd

Victoria: 1-7 Bell Grove, Braeside 3195 Ph: 61-3-9587 6777 Fax: 61-3-9587 5255

New South Wales: Suite 15, 380 Pennant Hills Road, Pennant Hills 2120 Ph: 61-2-9980 5999 Fax: 61-2-9484 8647

South Australia: 4/159 Williams Street, Beverley 5009 Ph: 61-8-8243 0644 Fax: 61-8-8243 0622

Tasmania: 1 Durham Road, Cooee 7320 Ph: 61-3-6432 1988 Fax: 61-3-6432 1989

Western Australia: 8 O'Connor Way, Wangara 6065 Ph: 61-8-9309 2100 Fax: 61-3-9309 2511

Queensland: Unit 12/172 Redland Bay Road, Capalaba, 4157 Ph: 61-7-3245 2862 Fax: 61-7-3245 2413



Product Information Sheet

HYDROGEN PEROXIDE 50%

Page 2 of 2

STOCK SOLUTION ADDITION

Most operators find the preferred method of addition is to prepare a stock solution of Hydrogen Peroxide by diluting the 50% concentrate with water, e.g. 1.5 litres H₂O₂ 50% to 50 litres water.

Dosage: 2 litres solution per 100 lbs dry load line. Stronger solutions can be prepared to suit individual plants. Your Tasman Territory Manager can advise the most suitable dilution for your plant.

REPRESENTATIVE WASHCYCLE

100 lb dry weight. Sheets, pillow cases, towels, table-cloths, abattoir overalls.

<u>OPERATION</u>	<u>LEVEL</u>	<u>TEMP.</u>	<u>TIME</u>	<u>ADDITIVES</u>	
Flush		High	Cold	4 mins	
Dump				1 min	
Breakwash		Low	Hot	7 mins	One shot 100 gm * Hydrogen Peroxide 35ml
Dump				1 min	
Hot Wash		High	Hot	7 mins	One shot 100 gm Hydrogen Peroxide 35ml
Dump				1 min	
Rinse		High	Hot	3 mins	
Dump				1 min	
Rinse		High	Cold	3 mins	
Dump				1 min	
Rinse		High	Warm	3 mins	
TOTAL TIME =				<u>32 mins</u>	

* Addition of Hydrogen Peroxide to the breakwash is optional and depends on the degree of staining of soil to be removed.

Hydrogen Peroxide 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.

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.

Tasman Chemicals Pty Ltd

Victoria: 1-7 Bell Grove, Braeside 3195 Ph: 61-3-9587 6777 Fax: 61-3-9587 5255

New South Wales: Suite 15, 380 Pennant Hills Road, Pennant Hills 2120 Ph: 61-2-9980 5999 Fax: 61-2-9484 8647

South Australia: 4/159 Williams Street, Beverley 5009 Ph: 61-8-8243 0644 Fax: 61-8-8243 0622

Tasmania: 1 Durham Road, Cooee 7320 Ph: 61-3-6432 1988 Fax: 61-3-6432 1989

Western Australia: 8 O'Connor Way, Wangara 6065 Ph: 61-8-9309 2100 Fax: 61-3-9309 2511

Queensland: Unit 12/172 Redland Bay Road, Capalaba, 4157 Ph: 61-7-3245 2862 Fax: 61-7-3245 2413