



PRODUCT INFORMATION SHEET

Re-Issue Date: 11/01/2021
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HYDROGEN PEROXIDE

50% TECHNICAL SOLUTION FOR LAUNDRY BLEACHING

Active Constituent : 500 g/kg Hydrogen Peroxide

Description

HYDROGEN PEROXIDE is a water clear, colourless liquid which is an effective oxygen producing whitener, brightener and sanitiser for use on coloured or white linen.

Application

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.

Features and Benefits

- ❖ Reduction in processing time
- ❖ The most cost effective bleach available
- ❖ Safe and effective for all fabric types
- ❖ Reduces sorting time as coloureds can be processed with whites
- ❖ Minimal effect on tensile strength of fabrics
- ❖ Reduction in rewash
- ❖ Non-polluting - simplifies waste water control

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

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 80°Celcius .

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.

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.

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Directions (con)

REPRESENTATIVE WASH CYCLE

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

OPERATION	LEVEL	TEMP.	TIME	ADDITIVES
Flush	High	Cold	4 mins	
Dump			1min	
Breakwash	Low	Hot	7 mins	PPX Blend @ 100 gm Hydrogen Peroxide 35ml
Dump			1min	
HotWash	High	Hot	7 mins	PPX Blend @ 100 gm Hydrogen Peroxide 35ml
Dump			1min	
Rinse	High	Hot	3 mins	
Dump			1min	
Rinse	High	Cold	3 mins	
Dump			1min	
Rinse	High	Warm	3 mins	

TOTAL TIME = 32 mins

* 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.

Packaging

◆ 5 Lt polyethylene drums ◆ 25 kg polyethylene drums

Health Hazard Information

See separate Health and Safety Data Sheet, available on request

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