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## USER INFORMATION SHEET

### Protective Clothing Against Liquid Chemicals (Chemsol HG) Type PB[4] : Partial Body Protection (BS EN 14605)

FABRIC PERFORMANCE DATA			
TEST	STANDARD	RESULT	CLASS
Abrasion Resistance	EN 530	2000	6
Flex Cracking Resistance	ISO 7854	> 100000	6
Tear Resistance (Trapezoidal)	ISO 9073-4	MD 66.0 XD 55.8	3
Tensile Strength	EN ISO 13934-1	MD 332.9 XD 295.6	4
Puncture Resistance	EN 863	30.0	2
Resistance To Ignition	EN 13274-4	Pass	Pass
Seam Strength	ISO 13935-2	304	5
ADDITIONAL INFORMATION			
Water Vapour Resistance - Fabric (R <sub>et</sub> )	EN 31092	> 40	1
KEY :- MD = Machine Direction ; XD = Cross Direction			

RESISTANCE TO PERMEATION OF LIQUIDS - EN 374-3					
CHEMICAL/PRODUCT	CONC.	BREAKTHROUGH TIME (min)		CLASS	
		Fabric	Seam	Fabric	Seam
Hydrochloric Acid	aq. 36wt%	> 480	> 480	6	6
Sodium Hydroxide	aq. 50wt%	> 480	> 480	6	6
Sodium Hypochlorite	14% Cl	> 480	> 480	6	6
Sulphuric Acid	aq. 98wt%	25	18	1	1
Horolith V *	Undiluted	> 480	> 480	6	6
Hypochloran RS *	Undiluted	> 480	> 480	6	6
Topax 36 *	Undiluted	> 480	> 480	6	6
Topax 63 *	Undiluted	> 480	> 480	6	6
Topmaxx 421 *	Undiluted	> 480	> 480	6	6
Triquart QD *	Undiluted	> 480	> 480	6	6
Fish Oil (Menhaden)	- - -	> 480	> 480	6	6

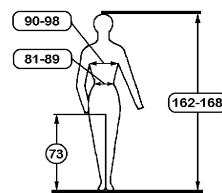
\* = Product Available From Ecolab Ltd. (Tel. : +44 (0) 161 485 6166)

Protection Against Liquid Chemicals  
BS EN 14605 : 2005  
Type PB[4]  
Partial Body Protection

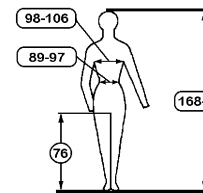


#### Standard And Bespoke Sizing Requirements

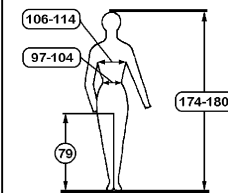
Alpha Solway Limited make the statement that manufacture of this garment is in sizes either bespoke for the individual or can be supplied as per normal sizing designations.



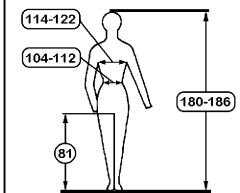
**S**



**M**



**L**



**XL**

The determination of the suitability of Chemsol HG garments for the intended application is the final responsibility of the user.

- Chemsol HG garments are manufactured to conform with European Directives on Personal Protective Equipment - Directive 89/686/EEC.
- The pictogram of the "chemical flask" indicates that the Chemsol HG garment has been tested as Protective Clothing Against Liquid Chemicals to meet the demands of BS EN 14605 : 2005 as clothing providing protection to parts of the body, (Type PB[4] : Partial Body Protection).
- Chemsol HG garments are manufactured under BS EN ISO 9001 : 2000 quality control approved procedures.

The Following Instructions May Be Important, Please Read Carefully!

- Refer to packaging and garment labels for product type.
- All tests were performed independently and are a reflection of the performance of the fabric only in controlled laboratory conditions. Results are not intended to give an idea of "safe use" for a garment.
- The wearer should always take care to check the integrity of material, seams and closures. Split material and seams or open closures mean reduced protection. If the garment becomes torn, abraded or punctured it's use should be discontinued and it should be appropriately disposed of at the earliest opportunity. Contaminated chemical protective clothing may be harmful and should be disposed of as hazardous waste in accordance with national/local regulations.
- It is recommended that when wearing this garment the use of a PVC tape, to cover potential entry points such as the Cuffs and Neck area, be considered.
- Where Chemsol HG garments are to be used in conjunction with other PPE, (eg. gloves/etc.), the use of a PVC tape may be appropriate to ensure a positive seal.
- Beware! Chemsol HG garments are manufactured from non-breathable fabrics. High work rates in these garments for prolonged periods could possibly result in heat stress.
- It is recommended that the Wash/Care Instructions as detailed on the Care Label are followed.



**NOTE** :- Should you require any assistance or further technical information regarding this garment, please phone the Company at the telephone number provided, and ask for the Sales Department.

#### EC Type Examination Certificate

Issued By :- SGS United Kingdom Ltd.,  
Head Office :- Rossmore Business Park,  
ELLESMERE PORT,  
Cheshire. CH65 3EN.

EC Notified Body Number 0120