

# Reagecon

## Textiles



### Textile Standards

# Reagents and standards for the Textile Industry



As per Chemical Testing of Textiles © Woodhead Publishing Ltd, 2005

## Chapter 1 Fiber and yarn identification

Chapter	Product No.	Description	Pack Size
1.4.2 Fiber identification by solubility	S10WV1	Sodium Hydroxide 10%	1L

## Chapter 2 Chemical analysis of feather and down textile materials

Chapter	Product No.	Description	Pack Size
2.6.2 Sources for citations	SU23005	Analytical Volumetric Solution Sulphuric Acid 3.0M, 6.0N	5L
2.6.2 Sources for citations	PP2002F	Analytical Volumetric Solution Potassium Permanganate 0.1N, 0.02M	1L

## Chapter 3 Chemical analysis of leather

Chapter	Product No.	Description	Pack Size
3.2.2 Sodium hydroxide test	S10WV1	Sodium Hydroxide 10%	1L
3.3.2 Chrome recycling and analysis of chromium sulfate	SU23005	Analytical Volumetric Solution Sulphuric Acid 3.0M, 6.0N	5L
3.3.2 Chrome recycling and analysis of chromium sulfate	KI10WV1	Potassium Iodide, KI, 10% w/v	1L
3.3.2 Chrome recycling and analysis of chromium sulfate	T20101	Analytical Volumetric Solution Sodium Thiosulphate 0.1N, 0.1M	1L
3.3.3 Analysis of formaldehyde	1090701	European Pharmacopoeia Reagent Indicator Solution Thymolphthalein 0.05%	100ml
3.3.3 Analysis of formaldehyde	SU200251	Analytical Volumetric Solution Sulphuric Acid 0.05N, 0.025M	1L
3.4.4 Test of chromic oxide in leather	KI10WV1	Potassium Iodide, KI, 10% w/v	1L
3.4.4 Test of chromic oxide in leather	T20101	Analytical Volumetric Solution Sodium Thiosulphate 0.1N, 0.1M	1L
3.4.4 Test of chromic oxide in leather	ST1001	Starch Solution 1%	1L

## Chapter 4 Analysis of common chemicals used in textile wet processes

Chapter	Product No.	Description	Pack Size
4.2 Acids, bases and salts	SU20051	Analytical Volumetric Solution Sulphuric Acid 0.1N, 0.05M	1L
4.2 Acids, bases and salts	SU20251	Analytical Volumetric Solution Sulphuric Acid 0.5N, 0.25M	1L
4.2 Acids, bases and salts	SU20501	Analytical Volumetric Solution Sulphuric Acid 1.0N, 0.5M	1L
4.2 Acids, bases and salts	H20101	Analytical Volumetric Solution Hydrochloric Acid 0.1N, 0.1M	1L
4.2 Acids, bases and salts	H20251	Analytical Volumetric Solution Hydrochloric Acid 0.25N, 0.25M	1L
4.2 Acids, bases and salts	H20501	Analytical Volumetric Solution Hydrochloric Acid 0.5N, 0.5M	1L
4.2 Acids, bases and salts	H21001	Analytical Volumetric Solution Hydrochloric Acid 1.0N, 1.0M	1L
4.2 Acids, bases and salts	NO20101	Analytical Volumetric Solution Nitric Acid 0.1N, 0.1M	1L
4.2 Acids, bases and salts	S20101	Analytical Volumetric Solution Sodium Hydroxide 0.1N, 0.1M	1L
4.2 Acids, bases and salts	S20501	Analytical Volumetric Solution Sodium Hydroxide 0.5N, 0.5M	1L
4.2 Acids, bases and salts	S21001	Analytical Volumetric Solution Sodium Hydroxide 1.0N, 1.0M	1L
4.2 Acids, bases and salts	KOH20501	Analytical Volumetric Solution Potassium Hydroxide 0.5N, 0.5M	1L
4.2.4 Organic bases	H21001	Analytical Volumetric Solution Hydrochloric Acid 1.0N, 1.0M	1L
4.2.4 Organic bases	SU20501	Analytical Volumetric Solution Sulphuric Acid 1.0N, 0.5M	1L
4.3.1 Anionic surfactants - basic methylene blue test	MTBLU010250	Methylene Blue, 0.1%	250ml
4.3.1 Anionic surfactants - basic methylene blue test	S21001	Analytical Volumetric Solution Sodium Hydroxide 1.0N, 1.0M	1L
4.3.1 Anionic surfactants - bromophenol blue test	BRBP0105	Bromophenol Blue Indicator, 0.1% (w/v) Aqueous Solution	500ml
4.3.1 Anionic surfactants - bromophenol blue test	H26001	Analytical Volumetric Solution Hydrochloric Acid 6.0N, 6.0M	1L
4.4.1 Oxidising agents - hydrogen peroxide	PP2002F	Analytical Volumetric Solution Potassium Permanganate 0.1N, 0.02M	1L
4.4.1 Oxidising agents - sodium hypochlorite	KI10WV1	Potassium Iodide, KI, 10% w/v	1L
4.4.1 Oxidising agents - sodium hypochlorite	T20101	Analytical Volumetric Solution Sodium Thiosulphate 0.1N, 0.1M	1L
4.4.1 Oxidising agents - sodium hypochlorite	ST1001	Starch Solution 1%	1L
4.4.1 Oxidising agents - sodium perborate	SU23005	Analytical Volumetric Solution Sulphuric Acid 3.0M, 6.0N	5L
4.4.2 Reducing agents - sodium hydrosulphite	T20101	Analytical Volumetric Solution Sodium Thiosulphate 0.1N, 0.1M	1L
4.4.2 Reducing agents - sodium hydrosulphite	ST1001	Starch Solution 1%	1L

Chapter	Product No.	Description	Pack Size
4.4.2 Reducing agents - glucose	I2005F	Analytical Volumetric Solution Iodine 0.1N, 0.05M	1L
4.4.2 Reducing agents - glucose	S20101	Analytical Volumetric Solution Sodium Hydroxide 0.1N, 0.1M	1L
4.4.2 Reducing agents - glucose	SU21001	Analytical Volumetric Solution Sulphuric Acid 2.0N, 1.0M	1L
4.4.2 Reducing agents - glucose	ST1001	Starch Solution 1%	1L
4.4.2 Reducing agents - glucose	T20101	Analytical Volumetric Solution Sodium Thiosulphate 0.1N, 0.1M	1L
4.4.2 Reducing agents - sodium thiosulphate	ST1001	Starch Solution 1%	1L
4.4.2 Reducing agents - sodium thiosulphate	I2005F	Analytical Volumetric Solution Iodine 0.1N, 0.05M	1L
4.5.1 Organic solvents - ethylene glycol and glycerol	MPRIPA1505	Methyl Purple Indicator, in dilute IPA (15% v/v)	500ml
4.5.1 Organic solvents - ethylene glycol and glycerol	S20101	Analytical Volumetric Solution Sodium Hydroxide 0.1N, 0.1M	1L
4.5.1 Organic solvents - ethylene glycol and glycerol	T20201	Analytical Volumetric Solution Sodium Thiosulphate 0.2N, 0.2M	1L
4.5.1 Organic solvents - ethylene glycol and glycerol	ST1001	Starch Solution 1%	1L
4.5.2 Others - urea	MTR06025	Indicator Methyl Red Alcoholic Solution 0.1%	250ml
4.5.2 Others - urea	S26001	Analytical Volumetric Solution Sodium Hydroxide 6M, 6N	1L
4.5.2 Others - urea	S20501	Analytical Volumetric Solution Sodium Hydroxide 0.5N, 0.5M	1L
4.5.2 Others - urea	S21001	Analytical Volumetric Solution Sodium Hydroxide 1.0N, 1.0M	1L

## Chapter 7 Chemical analysis of textile coatings and membranes

Chapter	Product No.	Description	Pack Size
7.5 Elemental analysis - Test for sulphur	H20021	Analytical Volumetric Solution Hydrochloric Acid 0.02N, 0.02M	1L
7.5 Elemental analysis - Test for sulphur	H21001	Analytical Volumetric Solution Hydrochloric Acid 1.0N, 1.0M	1L
7.5 Elemental analysis - Test for fluorine	S21001	Analytical Volumetric Solution Sodium Hydroxide 1.0N, 1.0M	1L

## Chapter 8 Chemical analysis of damage to textiles

Chapter	Product No.	Description	Pack Size
8.5.2 Damage analysis of wool	S20101	Analytical Volumetric Solution Sodium Hydroxide 0.1N, 0.1M	1L

# Reagecon's Conductivity Standards

Product No.	Description	Pack Size
CSKC13	1.30µS/cm @ 25°C	250ml
CSKC136	1.30µS/cm @ 25°C	6x250ml
CSKC3	3µS/cm @ 25°C	250ml
CSKC5	5µS/cm @ 25°C	500ml
CSKC10	10µS/cm @ 25°C	500ml
CSKC20	20µS/cm @ 25°C	500ml
CSKC238	23.8µS/cm @ 25°C	500ml
CSKC25	25µS/cm @ 25°C	500ml
CSKC50	50µS/cm @ 25°C	500ml
CSKC84	84µS/cm @ 25°C	500ml
CSKC100	100µS/cm @ 25°C	500ml
CSKCS	147µS/cm @ 25°C	500ml
CSKC150	150µS/cm @ 25°C	500ml
CSKC185	185µS/cm @ 25°C	500ml
CSKC200	200µS/cm @ 25°C	500ml
CSKC250	250µS/cm @ 25°C	500ml
CSKC300	300µS/cm @ 25°C	500ml
CSKC400	400µS/cm @ 25°C	500ml
CSKC500	500µS/cm @ 25°C	500ml
CSKC718	718µS/cm @ 25°C	500ml
CSKC1000	1000µS/cm @ 25°C	500ml
CSKCL	1413µS/cm @ 25°C	500ml
CSKC2M	2000µS/cm @ 25°C	500ml
CSKC2500	2500µS/cm @ 25°C	500ml
CSKC3M	3000µS/cm @ 25°C	500ml
CSKC5M	5,000µS/cm @ 25°C	500ml
CSKC7M	7,000µS/cm @ 25°C	500ml
CSKC10M	10,000µS/cm @ 25°C	500ml
CSKC12880	12,880µS/cm @ 25°C	500ml
CSKC20M	20,000µS/cm @ 25°C	500ml
CSKC30M	30,000µS/cm @ 25°C	500ml
CSKC40M	40,000µS/cm @ 25°C	500ml
CSKC50M	50,000µS/cm @ 25°C	500ml
CSKC60M	60,000µS/cm @ 25°C	500ml
CSKC80M	80,000µS/cm @ 25°C	500ml
CSKC100M	100,000µS/cm @ 25°C	500ml
CSKC111800	111,800µS/cm @ 25°C	500ml
CSKC150M	150,000µS/cm @ 25°C	500ml
CSKC200M	200,000µS/cm @ 25°C	500ml
CSKC300M	300,000µS/cm @ 25°C	500ml
CSKC350M	350,000µS/cm @ 25°C	500ml
CSKC400M	400,000µS/cm @ 25°C	500ml
CSKC450M	450,000µS/cm @ 25°C	500ml
CSKC500M	500,000µS/cm @ 25°C	500ml