

# Composition of detergents and maintenance products

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# Preface

This document is an annex to the [cleanright.eu](https://cleanright.eu) consumer portal. The contents are provided for information purposes only.

Each detergent product consists of a variety of ingredients brought together in a formulation. This document provides information on the average composition (in terms of chemical ingredients) of each product. This unique composition ensures each product delivers optimal cleaning results. These compositions are indicative only. Consumers should refer to the actual details provided on the product label to find the exact formulation of your products.

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# LAUNDRY CARE PRODUCTS

## LAUNDRY DETERGENTS / UNIVERSAL AND SPECIAL WASH

### Heavy Duty Laundry Detergent - Powder Regular

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Carbonate, silicate	15-30
<b>Bleach Precursors</b>	Bleach Activators	1-5
<b>Builders</b>	Polycarboxylates	1-5
	Soap	1-5
	Zeolite	1-15
<b>Enzymes</b>	Amylase	0.2-0.5
	Cellulase	
	Lipase	
	Mannanase	
	Other enzymes	
<b>Fragrances</b>		0.2-0.5
<b>Optical Brighteners</b>	Optical Brighteners	0.2-0.5
<b>Oxidising Agents</b>	Oxygen-based bleaching agents	5-15
<b>Processing Agent</b>	Sodium Sulphate	Balance to 100
<b>Sequestrants</b>	Phosphonates	0.2-0.5
<b>Surfactants</b>	Anionic Surfactants	5-15
	Nonionic Surfactants	1-15

### Heavy Duty Laundry Detergent - Powder Compact Colour

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Carbonate, silicate	15-30
<b>Builders</b>	Polycarboxylate	1-10
	Soap	(1-5)
	Zeolite	15-30
<b>Enzymes</b>	Amylase	0.2-0.5
	Cellulase	0-0,5
	Lipase	0-0,5
	Mannanase	0-0,5
	Other enzymes	0-0,5
	Protease	0,3-1,0
<b>Fragrances</b>		<1%
<b>Optical Brighteners</b>	Optical Brighteners	0
<b>Sequestrants</b>	Phosphonates	<1%
<b>Surfactants</b>	Anionic Surfactants	5-15
<b>Surfactants</b>	Nonionic Surfactants	5-15 (Some 1-5)

## Heavy Duty Laundry Detergent - Powder Tablet

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Carbonate, silicate	15-30
<b>Bleach Precursors</b>	Bleach Activators	1-5
<b>Builders</b>	Polycarboxylates	5-15
	Soap	1-5
	Zeolite	15-30
<b>Enzymes</b>	Amylase	0.2-0.5
	Cellulase	
	Lipase	
	Mannanase	
	Other enzymes	
	Protease	
<b>Fragrances</b>		0.2-0.5
<b>Optical Brighteners</b>	Optical Brighteners	0.2-0.5
<b>Oxidising Agents</b>	Oxygen-based bleaching agents	5-15 (Some 15-30)
<b>Sequestrants</b>	Phosphonates	1-5 (0.2-0.5)
<b>Surfactants</b>	Anionic Surfactants	5-15
	Non-ionic Surfactants	5-15 (Some 1-5)

## Heavy Duty Laundry Detergent - Powder Compact

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Carbonate, silicate	15-30
<b>Builders</b>	Polycarboxylate	1-10
	Soap	(1-5)
	Zeolite	15-30
<b>Enzymes</b>	Amylase	0,1-0,5
	Cellulase	0-0,5
	Lipase	0-0,5
	Mannanase	0-0,5
	Other enzymes	0-0,5
	Protease	0,3-1,0
<b>Fragrances</b>		0- 0.2-0.5
<b>Optical Brighteners</b>	Optical Brighteners	0.1-0.5
<b>Oxidising Agents</b>	Bleach Activators	3-10
	Oxygen-based bleaching agents	5-15 (Some 15-30)
<b>Sequestrants</b>	Phosphonates	0.2-0.5
<b>Surfactants</b>	Anionic Surfactants	5-15
	Nonionic Surfactants	5-15 (Some 1-5)

## Heavy Duty Laundry Detergent - Regular Liquid (typical dosage 120 mls)

FAMILY	TYPE	RANGE (%)
<b>Builders</b>	Soap	1-5
<b>Enzymes</b>	Amylase	0,1-0,5
	Cellulase	0-0,5
	Lipase	0-0,5
	Mannanase	0-0,5
	Other enzymes	0-0,5
	Protease	0,1-0,5
<b>Fragrances</b>		0-0.5
<b>Optical Brighteners</b>	Optical Brighteners	0-0.2
<b>Sequestrants</b>	Phosphonates	<0.2 (some 0.2-0.5)
<b>Solvent</b>	Ethanol, Glycol and others	1-5
<b>Surfactants</b>	Anionic Surfactants	5-15
	Cationic	0-5
	Nonionic Surfactants	1-5 (some 5-15)
<b>Water</b>		Balance to 100

## Heavy Duty Laundry Detergent - Compact Liquid (typical dosage 75ml or lower)

FAMILY	TYPE	RANGE (%)
<b>Builders</b>	Soap or Citrate	5-15
<b>Enzymes</b>	Amylase	0,1-0,5
	Cellulase	0-0,5
	Lipase	0-0,5
	Mannanase	0-0,5
	Other enzymes	0-0,5
	Protease	0,1-1,0
<b>Fragrances</b>		0-1.5
<b>Optical Brighteners</b>	Optical Brighteners	0,1-0,3
<b>Polymers</b>		1-5
<b>Sequestrants</b>	Phosphonates	0.2-0.5 (some 0.5-1)
<b>Solvent</b>	Monoethanolamine (MEA), Ethanol, Glycol and others	5-10
<b>Surfactants</b>	Anionic Surfactants	5-15 (some 15-30)
	Cationic	0-5
	Nonionic Surfactants	5-15 (some 15-30)

## Laundry Detergent - Hand Wash (Regular)

FAMILY	TYPE	RANGE (%)
<b>Colourants</b>		<0.1
<b>Fragrances</b>		0.2-0.5
<b>Sequestrants</b>	Chelating agent	<0.3
<b>Additive</b>	Citric acid	<0.1
<b>Surfactants</b>	Anionic Surfactants	5-15
<b>Surfactants</b>	No Ionic Surfactants	<0.5
<b>Opacifier</b>		0.1-0.5
<b>Preservative</b>		<1.5
<b>Builders</b>	Sodium chloride	<1
<b>Water</b>	-	balance to 100

## Heavy Duty Laundry Detergent - Liquid Unit Dose

FAMILY	TYPE	RANGE (%)
<b>Builders</b>	Soap or citrate	5-15
<b>Enzymes</b>	Amylase	0,1-0,5
	Cellulase	0-0,5
	Lipase	0-0,5
	Mannanase	0-0,5
	Other Enzymes	0-0,5
	Protease	0,1-1,0
<b>Fragrances</b>		0.2-1.5
<b>Optical Brighteners</b>	Optical Brighteners	0-0.5
<b>Sequestrants</b>	Phosphonates	0.2-0.5 (some 0.5-1)
<b>Solvent</b>	Monoethanolamine (MEA), Ethanol, Glycol and others	5-10
<b>Surfactants</b>	Anionic Surfactants	5-15 (some 15-30)
	Cationic Surfactants	0-5
	Non-ionic Surfactants	5-15

## Heavy Duty Laundry Detergent - Colour Powder Tablet

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Carbonate, silicate	15-30
<b>Builders</b>	Polycarboxylate	5-15
	Soap	(1-5)
	Zeolite	15-30
<b>Enzymes</b>	Amylase	0.2-0.5
	Cellulase	
	Lipase	
	Mannase	
	Other enzymes	
	Protease	
<b>Fragrances</b>		0-0.5
<b>Optical Brighteners</b>	Optical Brighteners	0-0.1
<b>Sequestrants</b>	Phosphonates	0.2-0.5
<b>Surfactants</b>	Anionic Surfactants	5-15
	Nonionic Surfactants	5-15 (Some 1-5)

## Wool/Silk Laundry Detergent - Powder

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Carbonate	Low
<b>Builders</b>	Soap	1-5
<b>Builders</b>	Zeolites	15-30
<b>Fragrances</b>		0.2-0.5
<b>Sequestrants</b>	Phosphonates	0.2-0.5
<b>Surfactants</b>	Anionic Surfactants	5-15
<b>Surfactants</b>	Cationic Surfactants	0-5
	Nonionic Surfactants	1-15

## Wool/Silk Laundry Detergent - Liquid

FAMILY	TYPE	RANGE (%)
Colourants		<0.1
Fragrances		0.2-0.5
Sequestrants	Chelating agent	<0.3
Additive	Citric acid	<0.1
Surfactants	Anionic Surfactants	5-15
Surfactants	No Ionic Surfactants	<0.5
Opacifier		0.1-0.5
Preservative		<1.5
Water	-	balance to 100
Builders	Sodium chloride	1-3

## Laundry Soap

FAMILY	TYPE	RANGE (%)
Colourants		0 - 0.5
Fragrances		< 1
Sequestrants	Phosphonates	< 0.1
Surfactants	Soaps	70 - 80
Water		balance to 100

## Colour liquid laundry detergent - Compact or regular format

FAMILY	TYPE	RANGE (%)
Colourants		<0.1
Fragrances		0.2-0.5
Sequestrants	Chelating agent	<0.3
Additive	Citric acid	<0.1
Surfactants	Anionic Surfactants	5-15
Surfactants	No Ionic Surfactants	<0.5
Water	-	balance to 100
Opacifier		0.1-0.5
Preservative		<1.5
Builders	Sodium chloride	1-3

## LAUNDRY AIDS

### Clothes refresher

FAMILY	TYPE	RANGE (%)
Additives (Malodour remover)	Cyclodextrin	0-1.5
Additives (Malodour remover)	Ethanol	0-5
Additives (Malodour remover)	Metal salts	0-0.1
Fragrances		0-0.15
Solvents		0-5
Surfactants		Varying
Water		Balance to 100

## Bleach additives - Powder

FAMILY	TYPE	RANGE (%)
Alkalinity Source	Sodium Carbonate	0 - 50
Bleach Precursors	TAED	0 - 15
Bulking Agents		balance to 100
Enzymes		0- 1
Optical Brighteners		0- 1
Oxidising Agents	Oxygen-based bleaching agents	20 - 60
Surfactants	Anionic Surfactants	0 - 5
	Nonionic Surfactants	0 - 5

## Bleach additives - Liquid

FAMILY	TYPE	RANGE (%)
Optical Brighteners		0- 1
Water		balance to 100

## OTHER LAUNDRY PRODUCTS

### Water Softener - Tablets

FAMILY	TYPE	RANGE (%)
Additives		balance to 100
Builders	Citrates	40 - 60
	Polycarboxylates	15 - 30

### Water Softener - Powders

FAMILY	TYPE	RANGE (%)
Builders	Polycarboxylates	1 - 10
	Zeolites	60 - 80
Bulking Agents	Sodium Sulphate	15 - 30

### Water Softener - Gel

FAMILY	TYPE	RANGE (%)
Builders	Citrates	10 - 20
	Polycarboxylates	5 - 10
Water		balance to 100

### Laundry disinfectant

FAMILY	TYPE	RANGE (%)
Fragrances		0-1
Carbonates		0 - 1
Biocide Active		0,5 - 5
Surfactants	Anionic Surfactants	
	Cationic Surfactants	0,1 - 2
	Nonionic Surfactants	
Colourant		<0,1 %
Water		Balance to 100



# DISH CARE PRODUCTS

## MACHINE WASH

### Automatic dishwashing detergent tablets

FAMILY	TYPE	RANGE (%)
<b>Bleach Precursors</b>	Bleach Activators	0-5
	Bleach Catalysts	0-0,1
<b>Builders</b>	Alkali silicates & carbonates	5-30
	Organic sequestrants	0-45
	Polycarboxylates	2-7
<b>Bulking agents</b>		Balance 100
<b>Colourants</b>		<1
<b>Enzyme Coating</b>	e. g. Sodium Sulfate, Sodium Chloride	1-10
<b>Enzymes</b>	Protease, Amylase	<1
<b>Fragrances</b>	Perfurmes	<0.5
<b>Glass protectors, Silver protectors</b>	Special additvies	0 - 1
<b>Lime scale inhibitor</b>	Phosponates	0 - 10
<b>Oxidising Agents</b>	Oxygen-based bleaching agents	10-20
<b>Surfactants</b>	Nonionic Surfactants	<5

### Hand dishwashing detergent liquid concentrated

FAMILY	TYPE	RANGE (%)
<b>Builders</b>	Citric Acid/Citrates	0 - 2
<b>Colourants</b>		< 0.1
<b>Fragrances</b>		< 0.5
<b>Hydrotropes</b>		0 - 1
<b>Preservatives</b>		0 - 1
<b>Solvents</b>	Alcohol	0 - 10
<b>Surfactants</b>	Amphoteric Surfactants	0 - 15
	Anionic Surfactants	10 - 30
	Nonionic Surfactants	0 - 20
<b>Viscosity Controlling Agents</b>		0 - 0.5
<b>Water</b>		balance to 100

### Hand dishwashing detergent liquid regular

FAMILY	TYPE	RANGE (%)
<b>Builders</b>	Citric Acid/Citrates	0 - 2
<b>Colourants</b>		< 0.1
<b>Chelant</b>		<0.1
<b>Fragrances</b>		< 0.5
<b>Hydrotropes</b>		0 - 0.5
<b>Preservatives</b>		0 - 1.5
<b>Solvents</b>	Alcohol	0 - 3
<b>Surfactants</b>	Amphoteric Surfactants	0 - 5
	Anionic Surfactants	10 - 20
	Nonionic Surfactants	0 - 10
<b>Viscosity Controlling Agents</b>		0 - 4
<b>Water</b>		balance to 100

## Glass Corrosion Inhibitor

FAMILY	TYPE	RANGE (%)
Additives		balance to 100

## Regeneration Salts

FAMILY	TYPE	RANGE (%)
Additives	Sodium Chloride	balance to 100

## Machine Deoderiser

FAMILY	TYPE	RANGE (%)
Fragrances		balance to 100

## Machine Cleaner

FAMILY	TYPE	RANGE (%)
Builders	Citric Acid	10 - 30
Fragrances	Perfumes	< 0.5
Hydrotropes		5 - 15
Solvents		5 - 15
Surfactants	Nonionic Surfactants	3 - 10
Water		balance to 100

## Rinse aid

FAMILY	TYPE	RANGE (%)
Builders	Citric Acid	1 - 10
Fragrances		< 0.5
Hydrotropes		0 - 15
Preservatives		< 1
Solvents		0 - 15
Surfactants	Nonionic Surfactants	5 - 15
Water		balance to 100

# SURFACE CARE PRODUCTS

## Toilet Bowl Cleaners - Acidic

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Citric Acid	0-0.125
	Lactic Acid	1-5
<b>Solvents</b>	Solvents	0-3
<b>Colourants</b>		<0.1
<b>Fragrances</b>		<1
<b>Surfactants</b>	Anionic Surfactants	1-2
	Nonionic Surfactants	<1
<b>Water</b>		balance to 100

## Toilet Bowl Cleaners - Solid

FAMILY	TYPE	RANGE (%)
<b>Colourants</b>		< 4.5
<b>Fragrances</b>		<2
<b>Oxidising Agents</b>	Chlorine-based bleaching agents	<80
<b>Alkalinity source</b>	Sodium bicarbonate	<11
<b>Surfactants</b>	Anionic Surfactants	20- 40
	Nonionic Surfactants	<20
<b>Bulking agents</b>	Sodium sulfate	<40
	Sodium Chloride	<40
<b>Chelants</b>		<10

## Toilet Bowl Cleaners - Liquid

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Citric Acid, Formic Acid, Lactic Acid	5 - 15
<b>Builders</b>	Citrates	0 - 5
<b>Colourants</b>		< 1
<b>Fragrances</b>		0 - 5
<b>Preservatives</b>		< 0.5
<b>Sequestrants</b>	Phosphonates	0 - 5
<b>Surfactants</b>	Anionic Surfactants	0 - 5
	Nonionic Surfactants	
<b>Water</b>		balance to 100

## Toilet Bowl Cleaners - Thick Bleach

FAMILY	TYPE	RANGE (%)
<b>Fragrances</b>		<1
<b>Oxidising Agents</b>	Chlorine-based bleaching agents	1 - 5
	Soaps	1 - 2
<b>Viscosity Controlling Agents</b>		<10
<b>Corrosion/ Degradation Inhibitors</b>	Silicate	<1
	Iodine	<1
<b>Water</b>		Balance to 100

## Bathroom Cleaners

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Organic Acids	1 - 5
<b>Builders</b>	Polycarboxylates	0 - 2
<b>Colourants</b>		< 0.02
<b>Fragrances</b>		< 1
<b>Preservatives</b>		< 0.5
<b>Surfactants</b>	Anionic Surfactants	1 - 5
	Nonionic Surfactants	
<b>Viscosity Controlling Agents</b>		< 1
<b>Water</b>		balance to 100

## Vitro Ceramic Cleaners

FAMILY	TYPE	RANGE (%)
<b>Abrasive</b>		0 - 10
<b>Additives</b>	Citric Acid	1 - 5
<b>Builders</b>	Polycarboxylates	0 - 1
<b>Colourants</b>		0 - 0.1
<b>Fragrances</b>		< 0.5
<b>Preservatives</b>		< 0.5
<b>Solvents</b>		1 - 5
<b>Surfactants</b>	Anionic Surfactants	0 - 3
	Nonionic Surfactants	0.5 - 3
<b>Water</b>		balance to 100

## Kitchen Cleaners

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Ethanolamine	1 - 10
<b>Builders</b>	Citric Acid/Citrates	0 - 10
	Polycarboxylates	0 - 2
<b>Colourants</b>		0 - 0.1
<b>Fragrances</b>		< 1
<b>Hydrotropes</b>		0 - 0.5
<b>Preservatives</b>		< 0.5
<b>Solvents</b>		1 - 5
<b>Surfactants</b>	Anionic Surfactants	1 - 10
<b>Surfactants</b>	Nonionic Surfactants	
<b>Surfactants</b>	Soaps	1 - 5
<b>Water</b>		balance to 100

## Drain Cleaner - Solid

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Sodium Carbonate	0 - 50
	Sodium Hydroxide	50 - 100
<b>Bulking Agents</b>	Sodium Chloride	0 - 50
<b>Surfactants</b>	Soaps	0 - 0.5

## Drain Cleaner - Liquid

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Sodium Hydroxide	20 - 40
<b>Oxidising Agents</b>	Chlorine-based bleaching agents	0 - 5
<b>Surfactants</b>	Nonionic Surfactants	1 - 2
	Soaps	1 - 2
<b>Viscosity Controlling Agents</b>		0 - 1
<b>Water</b>		balance to 100

## Lime Scale Remover

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Formic Acid	5 - 15
	Phosphoric Acid	
	Sulfamic Acid	
	Lactic Acid	
	Acetic acid	
<b>Builders</b>	Polycarboxylates	0 - 2
<b>Colourants</b>		0 - 0.02
<b>Fragrances</b>		0.1 - 2
<b>Sequestrants</b>	Phosphonates	0 - 5
<b>Surfactants</b>	Anionic Surfactants	0 - 10
<b>Surfactants</b>	Nonionic Surfactants	0 - 10
<b>Water</b>		balance to 100

## Oven Cleaner - Aerosols

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Monoetanolamine	0 - 5
	Potassium Carbonate	0 - 10
	Sodium Metasilicate	0 - 5
	Sodium Hydroxide	0 - 0.5
<b>Propellants</b>		10 - 20
<b>Solvents</b>		0 - 10
<b>Surfactants</b>	Anionic Surfactants	0 - 2
<b>Surfactants</b>	Nonionic Surfactants	0.5 - 10
<b>Water</b>		balance to 100

## Oven Cleaner - Liquid

FAMILY	TYPE	RANGE (%)
<b>Alkalinity sources</b>	Ethanolamine	0-0.5
<b>Additives</b>	Solvents	0-5
	Polymers	<1
<b>Fragrances</b>		< 1
<b>Surfactants</b>	Anionic Surfactants	0-3
	Nonionic Surfactants	0-0.7
<b>Water</b>		balance to 100

## Glass Cleaners

FAMILY	TYPE	RANGE (%)
Colourants		0 - 0.2
Fragrances		< 1
Preservatives		< 1
Solvents	Ethanol, PnB	0- 20
	Isopropyl Alcohol	
Surfactants	Anionic Surfactants	0 - 1
Surfactants	Nonionic Surfactants	0 - 1
Water		balance to 100

## Rug and Upholstery Shampoos

FAMILY	TYPE	RANGE (%)
Builders	Polycarboxylates	0 - 2
Colourants		< 0.02
Fragrances		< 1
Sequestrants		< 0.5
Surfactants	Anionic Surfactants	1 - 5
Water		balance to 100

## Floor Cleaning

FAMILY	TYPE	RANGE (%)
Alkalinity sources	Sodium carbonate	0 - 10
Builders	Citric Acid/Citrates	1 - 10
	Polycarboxylates	0 - 2
Colourants		0 - 0.1
Fragrances		< 1
Hydrotropes	Sodium Cumenesulfonate	0 - 0.5
pH Adjusters	Sodium bicarbonate	0 - 2
Preservatives		< 0.5
Sequestrants	Phosphonates	0 - 0.5
Surfactants	Anionic Surfactants	1 - 10
	Nonionic Surfactants	1 - 10
	Soaps	1 - 5
Water		balance to 100

## Metal Cleaner - Wadding

FAMILY	TYPE	RANGE (%)
Abrasive		0 - 5
Additives		0 - 5
Inert support	Cotton	80 -20
Solvents		10 - 20
Surfactants	Soaps	0 - 1

## Metal Cleaner - Stainless Steel

FAMILY	TYPE	RANGE (%)
<b>Abrasive</b>		0 - 6
<b>Additives</b>	Phosphoric acid	10 - 20
<b>Surfactants</b>	Anionic Surfactants	0 - 4
	Nonionic Surfactants	0 - 4
<b>Water</b>		balance to 100

## Bleach

FAMILY	TYPE	RANGE (%)
<b>Colourants</b>		0-0.1
<b>Fragrances</b>		< 0.5
<b>Alkalinity source</b>	Caustic soda	<2
	Soda Ash	<6
<b>Oxidising Agents</b>	Chlorine-based bleaching agents	1- 5
	Soap	<1
<b>Viscosity Controlling Agents</b>		<4
<b>Corrosion/ Degradation Inhibitors</b>	Silicate	<1
	Iodine	<1
	Sodium Metasilicate	<1
	Sodium Metaperiodate	<1
<b>Water</b>		Balance to 100

## Bleach spray

FAMILY	TYPE	RANGE (%)
<b>Colourants</b>		0
<b>Fragrances</b>		<1
<b>Alkalinity source</b>	Caustic soda	<1
<b>Oxidising Agents</b>	Chlorine-based bleaching agents	1 - 2
<b>Surfactants</b>	Anionic Surfactants	<3
	Sodium Metaperiodate	<1
<b>Water</b>		Balance to 100

## All Purpose Cleaners

FAMILY	TYPE	RANGE (%)
Alkalinity sources	Sodium carbonate	<10
Builders	Polycarboxylates	0 - 2
Builders	Citric Acid/Citrates/ Complexing agents	<5
	Lactic Acid/Lactate	0 - 3
Chelant		0-0.3
Colourants		0 - 0.1
Fragrances		< 1
Hydrotropes		0 - 0.5
Preservatives		< 0.5
Solvents	Ethanol	0 - 1
Surfactants	Anionic Surfactants	1 - 10
	Nonionic Surfactants	0 - 10
	Amphoteric Surfactants	0 - 2
Surfactants	Soaps	0-5
Water		balance to 100

## Abrasive Cleaner - Powder

FAMILY	TYPE	RANGE (%)
Abrasive	Calcium carbonate	90 - 97
Alkalinity sources	Sodium carbonate	0 - 5
Colourants		0 - 0.1
Fragrances		< 0.5
Surfactants	Anionic Surfactants	1 - 5
	Soaps	0 - 1

## Abrasive Cleaner - Liquid

FAMILY	TYPE	RANGE (%)
Abrasive	Calcium carbonate	20 - 50
Alkalinity sources	Sodium carbonate	1 - 10
Builders	Polycarboxylates	0 - 2
Colourants		0 - 0.1
Fragrances		0.1 - 2
Preservatives		< 0.5
Surfactants	Anionic Surfactants	1 - 5
	Nonionic Surfactants	1 - 5
	Soaps	0 - 1
Water		balance to 100



## Multipurpose Disinfectant

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Citric Acid	0-0.5
<b>Chelant</b>		<0.2
<b>Disinfectant Agent</b>	Lactic Acid	0-5
<b>Solvent</b>	Propylene Glycol	0-2
	Ethanol	0-1
<b>Fragrances</b>		<1
<b>Surfactants</b>	Anionic Surfactants	0-1
	Nonionic Surfactants	0-1
	Amphoteric	<0.5
<b>Water</b>		balance to 100

## Bathroom Disinfectant

FAMILY	TYPE	RANGE (%)
<b>Additives</b>	Citric Acid	0-0.5
<b>Chelant</b>		<0.2
<b>Disinfectant Agent</b>	Lactic Acid	0-5
<b>Solvent</b>	Propylene Glycol	0-2
	Ethanol	0-1
<b>Fragrances</b>		<1
<b>Surfactants</b>	Anionic Surfactants	0-1
	Nonionic Surfactants	0-1
	Amphoteric	<0.5
<b>Water</b>		balance to 100

## Shoe care products - Instant Shine Liquid

FAMILY	TYPE	RANGE (%)
<b>Dyes</b>		0-3 %
<b>Preservatives</b>		< 1 %
<b>Solvents</b>		> 50 %
<b>Surfactants/Emulsifiers</b>		1-5 %
<b>Waxes &amp; Paraffines</b>		10-30 %

## Shoe care products - Shoe Polish

FAMILY	TYPE	RANGE (%)
<b>Dyes</b>		0-1 %
<b>Preservatives</b>		-
<b>Solvents</b>		> 50 %
<b>Surfactants/Emulsifiers</b>		-
<b>Waxes &amp; Paraffines</b>		20-40 %

## Leather Maintenance - Foam Spray

FAMILY	TYPE	RANGE (%)
<b>Propane/butane</b>		10-20
<b>Silicon Oil</b>		1-5
<b>Solvent Additive</b>		0 - 1
<b>Surfactants</b>	Anionic Surfactants	5-20
<b>Surfactants</b>	Nonionic Surfactants	1 - 5
<b>Water</b>		60-80

## Leather Maintenance - Shoe Care

FAMILY	TYPE	RANGE (%)
Dyes		0-3 %
Preservatives		< 1 %
Solvents		> 50 %
Surfactants/Emulsifiers		1-5 %
Waxes & Paraffines		10-30 %

## Wood Maintenance - Aerosols

FAMILY	TYPE	RANGE (%)
Fragrances		0 - 1
Preservatives		0 - 1
Propellants		10 - 20
Silicones		0.5 - 2
Solvents		10 - 15
Surfactants	Nonionic Surfactants	0 - 2
Water		balance to 100
Waxes		0 - 2

## Wood Maintenance - Liquids

FAMILY	TYPE	RANGE (%)
Colourants		0 - 0.1
Fragrances		< 1
Hydrotropes		0 - 0.5
Preservatives		< 0.5
Solvents		1 - 5
Surfactants	Nonionic Surfactants	1 - 10
	Soaps	1 - 5
Viscosity Controlling Agents		< 0.5
Water		balance to 100

## Wood Maintenance - Parquet wax

FAMILY	TYPE	RANGE (%)
Fragrances		< 0.5
Preservatives		< 0.5
Solvents		0.2 - 1
Surfactants (Emulsifiers)	Nonionic Surfactants	1 - 3
	Soaps	0 - 3
Water		balance to 100
Waxes		5 - 15

# AIR CARE PRODUCTS

## AIR FRESHENERS

### Air freshener - Aerosol

FAMILY	TYPE	RANGE (%)
Colour agent		0
Fragrance		0.5-5%
Preservatives		<1%
Solvents (e.g alcohols or water or aliphatic hydrocarbon)		>50%
Surfactants and or emulsifiers		<5%

### Air freshener - Liquid Gel

FAMILY	TYPE	RANGE (%)
Colour agent		<1%
Fragrance		1-10%
Preservatives		<1%
Solvents (e.g alcohols or water or aliphatic hydrocarbon)		>50%
Surfactants and or emulsifiers		5-50%

### Air freshener - Electronic

FAMILY	TYPE	RANGE (%)
Colour agent		<1%
Fragrance		25-100%
Preservatives		<1%
Solvents (e.g alcohols or water or aliphatic hydrocarbon)		<75%
Surfactants and or emulsifiers		0