



FRISAG AG

Development & Production
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What are high-performance concentrates? e.g. FS10 Savona

PH-neutral surface & window cleaner with antistatic effect

1:5 to 1:20 for use as a foaming product

Car shampoo *manual wash*
Upholstery cleaner
Fabric cleaner
Carpet shampoo
Synthetic suede
Pre-wash stain remover
Blood stain remover



1:20 to 1:50 for use as a surface cleaner

Windows, glass surfaces, mirrors *Stronger than 1:20 is too much – less is often more! Non-streaking, including in full sunlight, without alcohol additives*
Car interiors, cockpits, roofs, seats, etc.
Plexiglas, office desks, screens, keyboards, copiers
Chromium steel *Fingerprints on lift panelling, etc.*
Apartment cleaning
Display cases, new cars, second-hand cars *Fingerprints, etc.*



1:20 to 1:100 for use as windscreen washer additive

Car windscreen washer additive from spring through to autumn
as VOC-free summer mixture, without antifreeze depending on insect infestation and degree of soiling (urban / rural traffic)



1:50 to 1:1,000 for use as a non-abrasive floor cleaner

Cork, laminates, linoleum, marble, parquet, stone, unglazed and glazed tiling, sensitive surfaces in general *Not suitable as an intensive floor cleaner (too mild), suitable for PH-neutral interim cleaning*
For the care of cork, laminates, linoleum and parquet flooring, FS25 wax polish should be applied occasionally *Cleaner as self-glossing emulsion*



0.1% to 3% for use as an admixture in washing appliances

For cleaning solar cells, etc. FS10 Savona also enhances the performance of demineralised water. Generally speaking, everything can be cleaned except satin and silk (*water stains*). As a neutral (PH 7.3) cleaner, Savona has limitations in both the acidic and the alkaline range. If the result is not satisfactory, an acidic or alkaline agent may be required.



We will be pleased to tell you more about our basic and intensive cleaning products: www.frisag.ch

No alcohol additives are used. All utilised surfactants are **biodegradable** in accordance with OECD Guidelines 302B/302 EEC Part C > 80%, OECD Guideline 301E > 95% (28d)



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A reliable partner for the removal of dirt and grime since 1963

Your problem

Windows, mirrors, glasses and windscreen washing systems

FS10 Savona is unbeatable for all types of cleaning chores. Because it contains no additives, windows can be cleaned streak-free in full sun. The product protects as it deep cleans. For windows, glasses, mirrors and windscreen washing systems • Washing of wood (bare or painted), oil-based paints on: window frames, doors, synthetic resin panels, faux leather, upholstery, carpets, etc. As a car shampoo, inside and outside, does not attack paintwork. As a blood and stain remover. No need to rinse afterwards. •

Dish washing by hand

FS15 Tellnet is a special concentrated washing-up liquid for loosening heavy grease while caring for your hands. For washing cutlery, glasses, crockery and pans. Tellnet is excellent at removing egg white, potato starch, dried-on food, etc.. Special additives are used to care for and protect your hands. •

Dish washing using catering equipment

FS16 Washing-up liquid has been specially developed for commercial dishwashers using the latest technology. The product is suitable for all types of dishes, as well as for aluminium, chrome-plated steel and silver and can be used with all degrees of water hardness. The best results are achieved when used with FS17 Rinse aid. •

Dish washing using catering equipment

FS17 Shiner has been specially developed for commercial dishwashers using the latest technology. The product is suitable for all types of dishes, as well as for aluminium, chrome-plated steel and silver and can be used with all degrees of water hardness. The best results are achieved when used with FS16 Washing-up liquid. •

Floors

FS20 Putznett is slightly perfumed and for manual use as a gentle basic cleaner. Contains synthetic organic compounds. • Use: Concrete, parquet, tiles, stone • Plastics, laminate and linoleum • Oil and emulsion paint, panelling •

Floors

FS25 Wisch-Wax is a self-shining emulsion with integrated cleaner. • The product has cleaning and caring properties and is mainly for use as an intermediate cleaning agent • Use: mix 0.5 to 2 dl with 10 l of water and apply a thin film of the solution to floors by hand. This is best done with wringable equipment fitted with foam rubber or sheepskin spreaders. •

Hard surfaces, machine cleaner and chrome

FS29 All-purpose Concentrate is a non foaming detergent ideally suited for industrial machines. Cleans all hard surfaces such as floors, chrome, chrome-plated steel, paintwork, windows, metal constructions, plastic, tiles, stone etc. • The product has been specially developed for the removal of oil, grease, resin, soot, nicotine and other dirt • Use: Paintwork, windows, Floors, Chrome, chrome-plated steel, tiles • Machines, depending on dirtiness, neat up to • Follow the instructions for use •

Hard surfaces, machine cleaner and chrome

FS30 All-purpose Super Concentrate is ideal an everyday universal detergent. Cleans all hard surfaces such as floors, chrome, chrome-plated steel, paintwork, windows, metal constructions, plastic, tiles, stone etc. • for industrial use and as a machine cleaner • The product has been specially developed for the removal of oil, grease, resin, soot, nicotine and other dirt. For ovens, fireplace glazing, grills and hobs. Apply neat or diluted and leave to work for 2 to 5 minutes. Works much faster if the surfaces to be cleaned are hot (80 - 120°C). Remove any remaining loosened dirt with a damp cloth or brush. Always rinse thoroughly with cold water afterwards • Use: Paintwork, windows, Floors • Chrome, chrome-plated steel, tiles • Machines, depending on dirtiness, NEAT • Follow the instructions for use •

Hard surfaces, machine cleaner and chrome

FS33 Universal Concentrate is ideal as an everyday universal detergent. Cleans all hard surfaces such as floors, chrome, chrome-plated steel, paintwork, crockery, wood, plastic, tiles, stone etc. • for industry and as a machine cleaner • The product has been specially developed for the removal of oil, grease, soot, nicotine and other dirt • Use: Paintwork • Floors • Chrome, chrome-plated steel, plastic, linoleum, tiles • Emulsion paints, wood (bare or painted) • Machines, depending on dirtiness, • Crockery •

Hard surface, machine cleaner, chrome and grill cleaner

FS35 All-Purpose Super-Concentrate is a high-performance professional cleaning agent ideally suited for the removal of stubborn grime on hard surfaces such as floors, chrome, chrome-plated steel, paintwork, glass, plastics, tiles, etc. • for industry and as a machine cleaner • The product has been specially developed for the removal of oil, grease, resin, soot, nicotine and other dirt. For ovens, fireplace glazing, deep fat fryers, grills, hobs, etc. Apply NEAT or diluted and allow to work for 2 to 3 minutes. Works much faster if the surfaces to be cleaned are hot (80 - 120°C). Remove any remaining loosened dirt with a damp cloth or brush. Always rinse thoroughly with cold water afterwards • Use: Paintwork, windows, Floors • Chrome, chrome-plated steel, tiles • Machines, depending on dirtiness • Warning: Read the safety notes in the instructions for use •

Our solution

FS10 Savona **PH 7.3**

• non flammable • The tensides used are [bio-degradable](#).

FS15 Tellnet **PH 2.5**

• non flammable • The tensides used are [bio-degradable](#).

FS16 Washing-up liquid **PH 12.0**

• non flammable • The tensides used are [bio-degradable](#).

FS17 Rinse aid **PH 1.9**

• attractive, non flammable • The tensides used are [bio-degradable](#).

FS20 Putznett **PH 8.9**

lightly fragranced with lemon grass

• irritant, non flammable • The tensides used are [bio-degradable](#).

FS25 Wisch-Wax **PH 7.6**

lightly fragranced with orange

• non flammable • The tensides used are [bio-degradable](#).

FS29 All-purpose concentrate, **PH 13.5**

non foaming, for cleaning machines

• irritant, non flammable • The tensides used are [bio-degradable](#).

FS30 All-purpose Super-Concentrate **PH 13.5**

• irritant, non flammable • The tensides used are [bio-degradable](#).

FS33 Universal Concentrate **PH 7.4**

moderately perfumed with lemon zest

• non flammable • The tensides used are [bio-degradable](#).

FS35 All-purpose Super-Concentrate **PH 14.0**

• highly alkaline, caustic, non flammable • The tensides used are [bio-degradable](#).



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Your problem

Fighting bacteria, viruses and moulds

FS36 Disinfectant fights bacteria, viruses (HBV, HIV), mould and prevents the growth of algae, for the disinfection of work surfaces, equipment, machines, • spraying, dipping, rinsing through, fast-acting and long-lasting effect • Does not irritate the skin or mucous membranes, does not mark, cleans and absorbs odours, the product is suitable for use on most surfaces (metals, rubber, plastics), protects against rust and corrosion • Quaternary ammonium compound complex, ready-mixed solution. Do not use at temperatures below +1°C – 130°C. The product is approved for hygienic, antibacterial manual cleaning •

• **Approved to BAGT No. CHZB 0077** • non flammable • The tensides used are bio-degradable.

Fighting bacteria, viruses and mould (for large areas)

FS37 Combi-Disinfectant shifts stubborn grease and is gentle on the skin. For disinfectant cleaning of floors, walls, furniture, large areas, toilets, showers, etc. • can be diluted **up to 1:20** with water. Economical, highly effective and suitable for use on most surfaces. Do not use at temperatures below +1°C – 130°C

• **Approved to BAGT No. CHZB 0076** • non flammable • The tensides used are bio-degradable.

Urinals, WCs, toilet facilities

FS40 Urine Scale Dissolver is a highly active, fast-acting and self-flowing decalcification agent. Shifts limescale and urine scale in urinals, toilets, toilet facilities, etc. • Apply the product directly onto or into the item to be cleaned, allow to work for up to 20 minutes, then rinse well. In extreme cases repeat the treatment, leave to work for longer or use a brush to help, can be diluted with water **up to 1:5** • Note: Only for use on acid-resistant jointing. Rinse off steel, chrome-plate steel immediately with water to avoid discolouration. Never mix with other products. • Note: Read the safety notes in the instructions for use •

irritant, non flammable • The tensides used are bio-degradable.

Swimming pools, shower and sauna facilities, dishwashers

FS45 Special Decalcifier is suitable for the decalcification of boilers, shower and sauna facilities, swimming pools, coffee makers, dishwashers, washing machines, etc. • leave to work for up to 20 minutes then rinse well. Depending on the level of calcification, can be diluted **up to 1:10** with water (1:6 = Durgol Express) • Frisag Special Decalcifier contains corrosion inhibitors to limit corrosion • Note: Only for use on acid-resistant jointing. Read the safety notes in the instructions for use. •

• caustic, non flammable • The tensides used are bio-degradable.

Urinals, WC facilities

The WC Top-Fresh range is ideal for the cleaning of **floors, walls, basins, urinals and toilets** WC Top-Fresh has a lastingly destroy odours effect and leaves behind a pleasant aroma that lasts for several days. If the aroma is too strong, the product can be diluted **up to 1:10** with water • Instructions for use: Clean the dirty items thoroughly with hot water and WC Top-Fresh using a sponge or cloth. Leave to work for a while then rinse with water. To finish, the item can be additionally sprayed with WC Top-Fresh. If required, the toilet brush can be sprayed to act as a fragancer. WC Top-Fresh also ensures pleasant air in cars used by smokers •

FS50 – 55 - 60 Top-Fresh
(Sweet rose scent, fruity, tart)

Hard surfaces

FS70 Chrome and Tile Cleaner shifts limescale, grease and light rust in daily intermediate cleaning. The product is suitable for cleaning washable surfaces, e.g. in kitchens, hotel rooms and food-processing operations such as • Glass, doors, walls • Tiles, plastics • Chrome, chrome-plated steel, copper, brass, NEAT or dilute with water and spray onto the surface to be cleaned, rub with a damp cloth or soft brush, rinse with water. Polish with a soft cloth as required. For washing crockery, 1 to 3 sprays per 10 litres of water, rinse and dry. •

FS70 Chrome and Tile Cleaner

Soot on canvases, rims, stone

FS73 Sootex solves excellent soot, grease and other contaminants on most hard surfaces (especially for environmental soot on facades, non-foaming) • highly alkaline, caustic, non flammable • The tensides used are bio-degradable.

FS73 SootEx

Hard surfaces

FS75 Carbonic Cleaner is a **deep-cleaner and polish** • for aluminium, chrome, chrome-plated steel, copper, brass, silver, glass ceramic, plastic, porcelain etc. • for baths, showers, toilets, glazed wall and floor coverings, etc. • Apply product to a damp sponge or cloth and rub onto the item. Allow to dry for a while and rinse with clean water. Rub dry. Larger areas can be finished with a polishing machine. •

FS75 Chalk & oxidants polish

For really dirty hands

FS 80 is the special cleaning agent for really dirty hands. Cleans pore-deep and protects. The product contains Lamesoft, a particularly skin-friendly, re-greasing component. Thanks to the use of various binders and solvents, the product shifts virtually all types of dirt, such as **oil, grease, resin, soot, printing ink and paint, emulsions and other water-soluble dirt** • apply a little hand cleaning gel to your hands and rub together until the dirt is removed • then rinse under running water; the loosened dirt can also be removed without water using cloths or paper • does not block drains •

FS80 Hand Cleaner

• non flammable • The tensides used are bio-degradable.

Hygienic and mild soap (aqueous, PH-neutral)

FS81 Hand Soap, with its pleasant fragrance, has been specially developed for protective, hygienic and mild cleaning of your hands. The product can be diluted with water • For economical use, we recommend diluting 1 part water to 1 part hand soap and the use of a dispenser • rub your hands together with a small amount of hand soap until the dirt is removed, rinse under running water • does not block drains •

FS81 Hand Soap

• non flammable • The tensides used are bio-degradable.

Paint, leather, wood

FS90 Polish **cleans, cares and polishes paint, leather, wood** and all smooth surfaces • Apply the product to a cloth and rub in using circular movements. Next, polish with a soft, clean cloth. Repeat for matt surfaces. Ideally suited as a **car polish, leather carer and furniture polish** •

FS90 Polish

• non flammable • The tensides used are bio-degradable.

Insects

FS99 is an **ingested and contact insecticide** based on pyrethrum. Insect Killer is intended for food-processing operations • Bakeries, catering areas, meat-processing rooms, cellars, kitchens, food and ingredient stores, protective rooms, stables, stock rooms, wineries, etc. • The product is sprayed onto the surface requiring treatment and left. • **Approx. 20%** of the places preferred by insects must be sprayed in each room. **1 litre** is sufficient to treat **approx. 50 m²**. • **A long-lasting effect** against pest infestation can be effectively achieved by using the product every 3-4 weeks. Cover food and feed. Harmless to people and animals (take care with cats) when used properly. • When **using on plants, dilute at least 1:10 with water** • Shake the product well before use. Does not contain any highly chlorinated hydrocarbons such as DDT, HCH or Lindane and no phosphoric acid esters

FS99 Insect Killer

• **Approved according to BAGT No. CHZB 0006** • non flammable • The tensides used are bio-degradable.

Our solution

FS36 Disinfectant 36

PH 7.5

FS37 Combi-Disinfectant 37

PH 7.6

FS40 Urine Scale Dissolver

PH 0.1

FS45 Special Decalcifier

PH 0.5

FS50 – 55 - 60 Top-Fresh

PH 7.6

FS70 Chrome and Tile Cleaner

PH 3.0

FS73 SootEx

..... PH13,6

FS75 Chalk & oxidants polish

PH 2.5

FS80 Hand Cleaner

PH 7.7

FS81 Hand Soap























PH 7.8

FS90 Polish

PH 5.6

FS99 Insect Killer

PH 7.1

products	Dilution	Applications	PH no.
 FS10 Savona	1:5 - 1 : 20 1:20 - 1 : 50 1:20 - 1 : 100 1:50 - 1 : 1,000	Furniture, fabrics, carpets, shampooers Acryl & plexiglas, windows, mirrors, hard surfaces Windscreen washing in summer Floors, marble, parquet, glazed, car shampoo	7.3
 FS15 Tellnet	1:500 - 1 : 2,000 few drops pre-dilute up to 1:5	Manual dish-washing, depending on soiling Cutlery, crockery, glasses, pans, car shampoo Depending on user's preference > more = better?	2.5
 FS16 Dishwashing agent	2 to 6 gr. / litre	For commercial dishwashers phosphate-free	10.5 aqueous
 FS17 Polisher	0.1 to 0.4 gr. / litre	For commercial dishwashers phosphate-free	1.9
 FS20 Floor cleaner	1:10 - 1 : 300 1:20 - 1 : 500 1:30 - 1 : 1,000	Oil and dispersion paints, wood panels Plastics, laminates, linoleum, PVC Concrete, glazed tiles, natural stone, parquet, tiles	8.9
 FS25 Wax polish	1:5 - 1 : 300 1:50 - 1 : 1,000 1:200 - 1 : 1,000	General rubber & plastic care (silicone-free) Laminates, linoleum, parquet, PVC floors Natural stone (protection against salt stains)	7.6
 FS29 All-purpose concentrate, non-foaming, ideal for mechanical cleaning	1:50 - 1 : 100 1:50 - 1 : 1,000	Sports hall floors (resin removal) Use in mechanical floor cleaners and industrial washing machines Removes oil, grease, resin, soot, nicotine, etc.	13.5
 FS30 All-purpose super concentrate	neat - 1 : 50 1:10 - 1 : 100 1:50 - 1 : 1000	Ovens, grills, appliances, machine cleaners Chromium steel, all-purpose hard surface cleaner Floors removes oil, grease, resin, soot, nicotine, etc.	13.5
 FS33 Citro universal concentrate	few drops 1:10 - 1 : 50 1:50 - 1 : 1,000	Manual dish-washing Chromium steel, tiles, hard surface cleaner Floors removes oil, grease, resin, soot, nicotine, etc.	7.4
 FS35 All-purpose super concentrate	neat - 1 : 50 1:10 - 1 : 100 1:50 - 1 : 1,000	Ovens, grills, steamers (professional use) Chromium steel, hard surfaces, machine cleaner Floors removes oil, grease, resin, soot, nicotine, etc.	14.0
 FS36 Disinfectant	neat - 1 : 2 fast acting Salmonella 15 to 30 sec.	Kills bacteria, viruses and fungi, +1° C to +130° C HBV, HIV, salmonella, athlete's foot, etc. Hand hygiene & surface disinfection: healthcare, catering	7.5
 FS37 Disinfectant/cleaning agent	neat - 1 : 20 slow acting Salmonella 15 to 60 sec.	Kills bacteria, fungi, +1° C to +130° C Excellent glass cleaner, e.g. food display cases Surfaces & rooms, simultaneously degreases and disinfects	7.6
 FS40 Urine residue remover	neat - 1 : 5	Urinals, toilets	0.1
 FS45 Special descaler	neat - 1 : 10 1:6 = standard strength	Bathrooms, baths, showers, saunas, fitness rooms Boilers, kitchens, dishwashers, etc. Boats and ships, etc.	0.5
 FS50 Top-Fresh (rose)	neat - 1 : 10 1:10 - 1 : 1,000	Toilets, long-lasting (scented) air-freshener Floors, washbasins, urinals, toilets, walls (red)	7.6
 FS55 Top-Fresh (fruit)	neat - 1 : 10 1:10 - 1 : 1,000	Toilets, long-lasting (scented) air-freshener Floors, washbasins, urinals, toilets, walls (yellow)	7.6
 FS60 Top-Fresh (citrus)	neat - 1 : 10 1:10 - 1 : 1,000	Toilets, long-lasting (scented) air-freshener Floors, washbasins, urinals, toilets, walls (blue)	7.6
 FS70 Chrome & tile cleaner	neat - 1 : 5 1:5 - 1 : 10 1:20 - 1 : 30	Crockery, pans, chrome, chromium steel, copper, brass Plastic, tiles, stain remover, baths, showers, etc. Glass, doors, walls (boat/bus/coach shampoo up to 1:1,000)	3.0
 FS73 Soot remover	1:5 - 1 : 50 1:10 - 1 : 100 1:10 - 1 : 1,000	Rim cleaner Tarpaulin, boat, caravan cleaner Facade and stone cleaner	13.6
 FS75 Metal polish (acidic)	neat	Removes scaling, oxidants, residual soiling on hard surfaces Aluminium, chromium steel, glass, glass ceramics, ceramics, stone, plastic, copper, brass, porcelain, gold, silver, etc.	2.5
 FS80 Hand cleanser	neat	For heavily soiled hands Rehydrating for all workshops PH-neutral, aqueous solution	7.7
 FS81 Hand soap	1 : 2 1 : 3	Mild, hygienic hand washing Hand cleaning in offices, kitchens, clinics, etc. For use in public toilets, PH-neutral, aqueous solution	7.8
FS90 Polish	neat	Cleans, protects, polishes wood, painted surfaces, leather	5.6
FS99 Insecticide	neat at least 1 : 10	Contact and ingestion insecticide: for use in and around buildings, boats, food and animal feed storage areas, on plants (e.g. mealybugs on orchids)	7.1