

**RAW MATERIALS CONCENTRATES
BELENDS**





PSG

Padideh Shimi Gharb

About us:

Padideh Shimi Gharb Company, one of the subsidiaries of Paydar Holding, affiliated to Golrang Industrial Group, was founded in 2012 aimed to produce sulfonation products. As a result of the manager expertise and the relentless efforts of the employees, its factory was put into operation in October 2013 with an annual capacity of 16,500 tons. In the light of high-quality products, the company quickly attracted quite a few loyal customers.

In the second phase, the production of detergent powder with an annual capacity of 50,000 tons, as well as a sulfonation unit with a capacity of 13,200 tons were set out, each of which is currently active. The headquarters of this company and its factories are located in Tehran and Eshtehard industrial town respectively.

Padideh Shimi Gharb Company is active in producing various types of household/industrial detergents, raw and intermediate materials for industries such as detergents, cosmetic, pharmaceutical, oil and gas and petrochemical, polymers, etc.



Eng. Seyed Mohammad Bagher Fazelian
chairman of board of Padideh Shimi Gharb

Vision:

Padideh Shimi Gharb Company will become the largest producer/supplier of raw and intermediates chemical materials in the region and the Middle East.

Mission:

Padideh Shimi Gharb Company is the producer/supplier of raw and intermediates materials, for industries such as detergents, cosmetics, oil and gas and petrochemical, concrete additives, paint, resin, and polymers in the country, region, as well as the export target markets.

organizational values:

Honesty, hard work, smart thinking and effort, creativity and innovation, customer orientation, responsibility, accountability, preserving shareholder rights, participation and teamwork, attention to the environmental issues, working based on the goals of Padideh holding and Golrang industrial group are among the values of the Padideh Shimi Gharb company.

No	Trade name	Chemical name
1	SULFOCID 97	Sodium Alkyl Benzene Sulfonate
2	PADAPON SE-170	Sodium Lauryl Ether Sulfate (1EO) 70%
3	PADAPON SE-270	Sodium Lauryl Ether Sulfate(2EO) 70%
4	PADAPON SE-230	Sodium Lauryl Ether Sulfate (2EO)30%
5	PADAPON AE-270	Ammonium Lauryl Ether Sulfate(2EO)70%
6	PADAPON TE-230	Triethanolamine Lauryl Ether Sulfate 30%
7	PADAPON AL-70	Ammonium Lauryl Sulfate70%
8	PADAPON AL-30	Ammonium Lauryl Sulfate 30%
9	PADAPON SL-30	Sodium Lauryl Sulfate 30%
10	PADAPON TL-40	Triethanolamine Lauryl Sulfate 40%
11	PADAPON DFB	Dioxane Free Blend
12	CARBOSIL	Silico-Carbonate
13	PADACID-50	PADACID-50
14	CONCENTRATED HAND WASH 15%	Concentrated Hand Wash 15%
15	PADAFIN PA-30	Sodium Alpha-Olefin Sulfonate30%
16	PADAPEARL	Sodium Lauryl Ether Sulfate/Glycol Stearate
17	PADAFIN PA-95	Sodium Alpha-Olefin Sulfonate95%
18	GLYCERINE	Glycerin
19	PADOXYLATE (AE 2 EO)	Fatty Alcohol Ethoxylate (2EO)
20	PADOXYLATE (AE 7 EO)	Fatty Alcohol Ethoxylate (7EO)
21	PADOXYLATE (AE 9 EO)	Fatty Alcohol Ethoxylate (9EO)
22	PADANOXYLATE (NP 10 EO)	Nonylphenol Ethoxylate(10EO)
23	PADAINE	Cocoamidopropyl Betaine
24	PADAMIDE-CD	Coconut Fatty Acid Diethanolamide
25	PADAMIDE-VD	Soyamid Fatty Acid Diethanolamide
26	PADUCCNATE	Disodium Lauryl Ether Sulfosuccinate

No	Trade name	Chemical name
27	TEA	Teriethanolamine
28	STEARIC ACID	Stearic Acid
29	CETYL ALCOHOL	Cetyl Alcohol
30	COCONUT OIL	Coconut Oil
31	CITRIC ACID	Citric Acid
32	PRESERVATIVE	Isothiazolinone
33	ISOPROPYL ALCOHOL	Isopropyl Alcohol
34	EDTA.2Na	EDTA.2Na
35	EDTA.4Na	EDTA.4Na
36	SLS 95	Sodium Lauryl Sulfate 95%
37	OPTICAL BRIGHTENER(CBS-X)	Optical Brightener (CBS-X)
38	SODIUM TRIPOLY PHOSPHATE(STPP)	Sodium Tripoly Phosphate(stpp)
39	PEG-7 (GLYCERIL COCOAT)	Glyceril Cocoat
40	SODIUM PERCARBONATE(SPC)	Sodium Percarbonate (spc)

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CONCENTRATED
HANDWASHING LIQUID
(%15 ACTIVE)

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
PEG-7 GLYCERYL
COCOATE

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
PADAFIN
PA-30
Alpha Olefin Sulfonate
(C14-C16)

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
CETYL ALCOHOL
 $C_{16}H_{34}O$

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
PADACID-50
Sodium Alkyl
Benzene Sulfonate

PSGRAW
OPTICAL
BRIGHTENER
CBS-X

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
SODIUM
PERCARBONATE

BEST BEFORE:
BATCH NO. $2Na_2CO_3 \cdot 3H_2O_2$

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
SULFOCID
97
LINEAR ALKYL BENZENESULFONIC ACID

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
PADUCCINATE
Disodium Laureth
Sulfosuccinate (DLS)

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSG
PADAPEARL
Sodium Laureth Sulfate
Glycol Stearate

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

PSGRAW
PADARON
SE-270
SODIUM LAURYL ETHER SULFATE

BEST BEFORE:
BATCH NO.

PSGRAW
PADAFIN
PA-95
Alpha Olefin Sulfonate
(C14-C16)

BEST BEFORE:
BATCH NO.

Manufactured by
PSG
Padash Shimi Ghosh

SULFOCID 97

LABS, LABSA

Linear Alkyl Benzene Sulfonic Acid

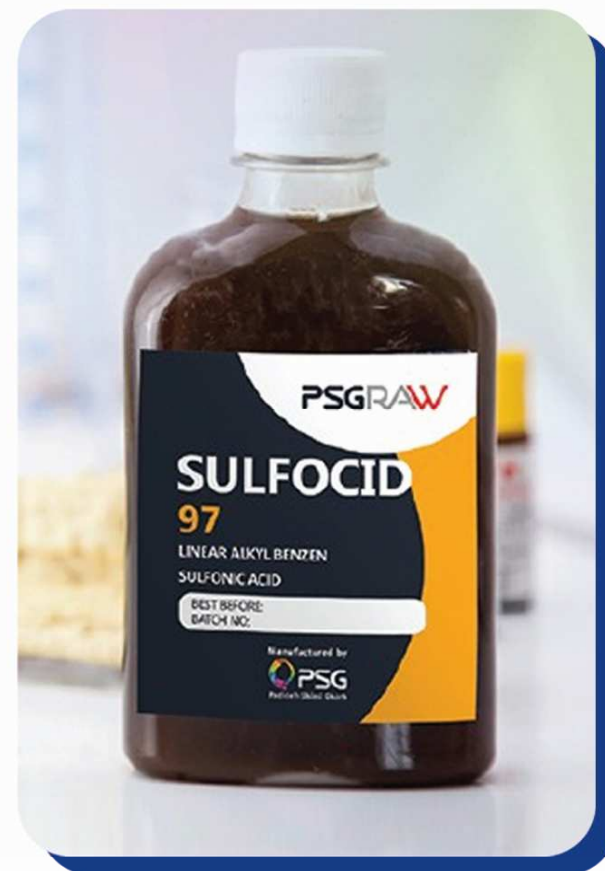
$R-C_6H_5-SO_3H$ $R= C12 - C14$

Applications: Laundry, Car&Truck Wash, Emulsion Breaker for Oil Field, Dishwashing Liquids, Hard Surface Care, Heavy Duty Cleaning, Oil Dispersants, Textile Scouring.

Active Matter (%): 96.0 ± 0.1

Appearance: Brown Liquid

Sulfuric (%): 1.6 ± 0.2



SLES

Sodium Alkyl (C12-C14) Ether (1 EO) Sulfate



Applications: Lundry, Shampoos, Body Wash, Facial Cleansers, Gypsum Additives, Textile Wet Processing, Gas and Oil Recovery, Gas Well Dewatering, Drilling additives, Degreasing Agent, Printing and Dyeing, Leather Industries.

Active Matter (%): 70.0 ± 2.0

Appearance: Light Yellow Paste

pH (5 % solution): 7.0 - 9.0



SLES

Sodium Alkyl (C12-C14) Ether (2 EO) Sulfate

$\text{CH}_3-(\text{CH}_2)_n-(\text{OC}_2\text{H}_4)_m-\text{OSO}_3\text{Na}$ $n=11-13$, $m=2$

Applications: Laundry, Shampoos, Body Wash, Facial Cleansers, Gypsum Additives, Textile Wet Processing, Gas and Oil Recovery, Gas Well Dewatering, Drilling Additives, Degreasing Agent, Printing and Dyeing, Leather Industries.

Active Matter (%): 70.0 ± 2.0

Appearance: Light Yellow Paste

pH (5 % solution): 7.0 - 9.0



SLES

Sodium Alkyl (C12-C14) Ether (2 EO) Sulfate



Applications: Laundry, Shampoos, Body Wash, Facial Cleansers, Gypsum Additives, Textile Wet Processing, Gas and Oil Recovery, Gas Well Dewatering, Drilling Additives, Degreasing Agent, Printing and Dyeing, Leather Industries.

Active Matter (%): 25.0 ± 2.0

Appearance: Light Yellow Paste

pH (5% solution): 7.0 - 8.0



PADAPON AE-270

ALES

Ammonium Lauryl (C12-C14) Ether (2 EO) Sulfate



Applications: Laundry, Shampoos, Body Wash, Facial Cleansers, Industrial Foaming Applications.

Active Matter (%): 70.0 ± 2.0

Appearance: White or Light Yellow Paste

pH (5 % solution): 5.0 – 7.0



TLES

Triethanolamine Lauryl Ether Sulfate 30%



Applications: Shampoos, Body Wash, Facial Cleansers, Baby Shampoos.

Active Matter (%): 28.0 ± 2.0

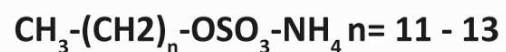
Appearance: Light Yellow liquid

pH (5% solution): 4.0 - 7.0



ALS

Ammonium Lauryl Sulfate



Applications: Ammonium lauryl sulfate 70% is a mild anionic surfactant that acts as a strong cleanser and a foaming and detergent agent, Ability to produce stable foam, Compatibility with anionic, amphoteric and nonionic surfactants, Hard water resistance, Suitable substitute for sodium lauryl ether sulfate and sodium lauryl sulfate, Shampoos, Body Wash, Facial Cleansers, Industrial Cleaning, Textile Applications, Oil Field Drilling Fluids.

Active Matter (%): 64 - 70

Appearance: Light Yellow Paste

pH: 5.0 – 7.0



ALS

Ammonium Lauryl Sulfate

$\text{CH}_3-(\text{CH}_2)_n-\text{OSO}_3-\text{NH}_4$ $n= 11 - 13$

Applications: Laundry, Shampoos, Body Wash, Facial Cleansers, Industrial Cleaning, Textile Applications, Oil Field Drilling Fluids.

Active Matter (%): 25.0 ± 2.0

Appearance: Transparant Liquid

pH (5 % solution): 5.0 – 7.0



SLS

Sodium Alkyl (C12-C14) Sulfate

$\text{CH}_3-(\text{CH}_2)_n-\text{OSO}_3\text{Na}$ $n= 11 - 13$

Applications: Shampoos, All-Purpose Cleaning, Bar Soap, Carpet/Upholstery Cleaning, Facial Cleansers, Hand Dishwashing, Gas Well Dewatering, Gas Well Unloading, Industrial Foaming Applications, Oil Field Drilling Fluid, Oil Field Cementing.

Active Matter (%): 25.0 ± 2.0

Appearance: Light Yellow Liquid or Colorless

pH (5 % solution): 6.0 - 9.0



Triethanolamine Lauryl Sulfate

$\text{CH}_3-(\text{CH}_2)_n-\text{OSO}_3-\text{TEA } n=11-13$

Applications: Hair Shampoos, Body Shampoos, Hair Color, Foam and Face Shaving Cream, Cleaning Products, Washing Liquid, Shampoo for Baby's Hair and Body.

Active Matter (%): 40.0 ± 2.0

Appearance: Yellow Clear Liquid

pH (5% solution): 4.0 – 7.0



A Mixture of Anionic Surfactants Without Dioxane

Applications: Body Wash, Hair Shampoos, Facial Cleansers, Bath Gels, Hand Wash Liquid, Makeup Removers, Baby Baths, Dish Wash Liquid, Bubble Baths, Baby Shampoos.

Active Matter (%): 26 – 30

pH: 5.0 – 7.0



Silico-carbonate

Carbosil is a blend. This product, which is a mixture of sodium carbonate and sodium silicate, is used as a builder or the main component of detergent powders.

Applications: Wide range of detergent powders applications.

Sodium silicate: 48-50

Sodium carbonate: 48-50

Appearance: Powder



Sodium Alkyl Benzene Sulfonate

Sulfonate paste is an anionic surfactant with high detergent power that is used as a raw material in the manufacture of washing powder and household detergents.

Applications: Laundry, Car/Truck Wash, Emulsion Breaker for oil fields, Dishwashing Liquids, Hard Surface Care, Heavy Duty Cleaning, Oil Dispersants, Textile Scouring.

Active Matter (%): 50.0 ± 2.0

Appearance: Liquid Paste

pH (5% solution): 8.0 – 10.0



CONCENTRATED HAND WASH 15%

Concentrated Hand Wash Liquid

Applications: concentrated hand wash liquid, is a type of detergent (cleaning agent) used for washing hands. You can dilute concentrated hand wash liquid with water, based on your desired active. A major component of hand wash liquid is based on surfactants that remove , dirt or other harmful and unwanted substances stuck to the hands.

Anionic & nonionic active (%): 15 ± 0.5

pH (5% solution): 5.6-6.5

Density (g/cm³): 1.0 ± 0.1

Apearence: Shelly viscous liquid

Dry Residue: 35-36



Alpha Olefin Sulfonate Sodium



Application: Padafoamer is an aqueous Solution of sodium olefin sulfonate which is produced by the continuous sulfonation of alpha olefins via falling film process. Process minimizes the formation of sulfonates thereby offering a consistent high quality product.

Padafoamer is an ideal surfactant for a variety of detergent and personal care applications including shampoos, and foam characteristics, as well as improved mildness over lauryl sulfates. It is more stable than alcohol sulfates over a broad pH range.

Active Matter (%): 28.0 – 32.0

Appearance: Yellow Liquid

pH (5 % solution): 7.0 – 12.0



Sodium Laureth Sulfate/Glycol Stearate

Applications: Lundry, Shampoos, Body Wash, Facial Cleansers, Industrial Foaming Applications, Textile.

Active matter (%): 26.5 – 28.5

Appearance: White, Pearlescent Cream

pH (5 % Solution): 6.0 – 8.0



Alpha Olefin Sulfonate Sodium



Applications: PADAFIN PA-95 is an anionic surfactant providing excellent viscosity, foam characteristics and mildness. It is an ideal surfactant for a variety of HI&I cleaning and personal care applications, agrochemical formulations, oil field production and construction products used for concrete bases, firefighting foam and dust control.

Active Matter (%): Min.94.0

Appearance: Yellow Needles

pH (5% solution): 9.0 – 11.0



GLYCERIN

Glycerin



Applications: Glycerol is used in medical, pharmaceutical and personal care preparations mainly as a means of improving smoothness, providing lubrication and as a humectant.

Hand Wash Liquid, Shampoos, Creams, Soap, Condishner.

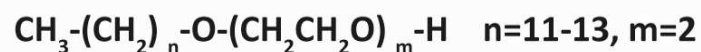
Appearance: Clear liquid

Color: Colorless

pH: Neutral



Fatty Alcohol Ethoxylate (2EO)



Applications: Body wash and care agents, hair washing, care, coloring and styling agents; face washing and care preparations (moisturizing creams, facial scrubs, anti-acne creams), color cosmetics, perfumes, detergents for household use.

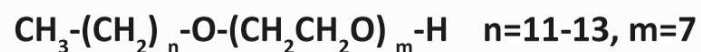
Molecular weight (g/mol): 282-291

pH (5%): 5-7

Hydroxyl Number (mgKOH/g): 193-199



Fatty Alcohol Ethoxylate (7EO)



Applications: Body wash and care agents, hair washing, care, coloring and styling agents, face washing and care preparations (moisturizing creams, facial scrubs, anti-acne creams), color cosmetics, perfumes, detergents for household use.

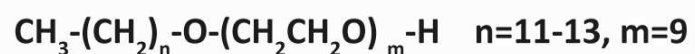
Molecular weight (g/mol): 488-540

pH (5%): 5-7

Hydroxyl Number(mgKOH/g): 104-115



Fatty Alcohol Ethoxylate (9EO)



Applications: Body wash and care agents; hair washing, care, coloring and styling agents, face washing and care preparations (moisturizing creams, facial scrubs, anti-acne creams), color cosmetics, perfumes, detergents for household use.

Molecular weight (g/mol): 572-603

pH (5%): 5-7

Hydroxyl Number(mgKOH/g): 93-98



PADANOXYLATE (NP 10 EO)

Nonyl Phenol Polyethylene Glycol Ether (10EO)

$R-(C_6H_4)-(OCH_2CH_2)_n-OH$ $R=\text{branched } C_9H_{19}$, $n=10$

Applications: Nonionic surfactant for use in paints and coatings, paper and textile processing, cleaners and detergents, agrochemicals, and metalworking fluids, with excellent detergency, outstanding wetting, versatile solubility, characteristics and exceptional handling properties. It can also be used in oilfield drilling and production formulations.

Appearance (at 25°C): Clear viscous liquid

pH (5%): 5-7

Hydroxyl Number(mgKOH/g): 85-89



Cocamidopropyl Betaine

$R-(C_6H_4)-(OCH_2CH_2)_n-OH$ $R=\text{branched } C_9H_{19}$, $n=10$

Applications: Bubble Baths, Hand Soaps, Hair Conditioners, Cleansing Creams & Lotions, Shampoos, Shower Gel, Baby Products, Pet Shampoos.

Active matter (%): 29.0 ± 1.0

Appearance: light yellow liquid

pH: 4.0 – 6.0



Coconut Fatty Acid Diethanolamide

Applications: Shampoos, Bar Soap, Bath Products, Detergents, Foam Boosters, Oil Field Miscellaneous.

Active matter (%): Min. 82.0

Appearance: Brown Transparant Viscous Liquid

pH: 8.0 – 11.0



Soyamid Fatty Acid Diethanolamide

Applications: Shampoos, Dish Wash Liquid, Hand Wash Liquid and other Liquid Detergent.

Appearance: light brown liquid

pH: 8.0 – 11.0

Free Amine (%): Max. 4.0

Amide Vontant (%): 82.9



DLS

Disodium Laureth Sulfosuccinate (DLS)

Applications: Low Irritation Shampoos, Cleansing Products, Low Irritation Hand Soaps, Skin Fresheners, Baby Shampoos, Creams and Lotions, Bubble Baths.

Active Matter (%): Min. 32.0

Appearance: Clear Liquid

pH (5 % solution): 5.5 – 6.5



Triethanolamine



Applications: Agricultural Chemicals (non-pesticidal), Anti-Adhesive Agents, Inhibitors and Scaling Agents, Dyes, Functional Fluids (Closed Systems), Intermediates, Lubricants Additives. Dishwash Liquid, Shampoos, Conditioner, Creams, Body Wash, Body Splash

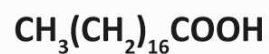
Purity: Min. 85.0%

DET: 14.5 Wt. %

MEA: 0.5 Wt. %



Stearic Acid



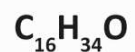
Applications: Detergent, personal care and cosmetics, Tyre, Rubber Products, Resins, Emulsion Polymer, Stabilizers, Candle, Lubricants, Grease, Coatings, food packaging and etc.

Appearance: White, Beads / Flakes Solid

Odor: Tallow-like (Slight)



Cetyl Alcohol



Applications: Personal care as an opacifier in shampoos, or as an emollient, emulsifier or thickening agent in the manufacture of skin creams and lotions.

Appearance: White crystals or flakes

Odor: Very faint, waxy



Coconut Oil

Applications: Manufacture of raw materials for detergents, surfactants, emulsifiers and pesticides, paint and varnish industry. processed foods, infant formula, pharmaceuticals and cosmetics.

Appearance: White to yellow pale liquid

Odor: characteristic



Citric Acid



Applications: acts as a pH adjuster and chelating agent. It is used in insecticides and disinfectants to help destroy bacteria and viruses. Also, it is used to preserve and marinate meats, and flavor foods and beverages.

Purity (%): 99.5-100.5

Water content (%): 1.0 Max

Sulphated ash (%): 0.1 Max



Methylisothiazolinone / Chloromethylisothiazolinone

C_4H_5NOS / C_4H_4ClNOS

Applications: This compound exhibits antimicrobial properties. It is used to control bacteria, fungi, and algae in cooling water systems, fuel storage tanks, pulp and paper mill water systems, oil extraction systems, wood preservation, and some paints.

pH: 1/5- 3

MIT (%): 0.35-0.45

CIT (%): 1.08-1.2



ISOPROPYL ALCOHOL

Isopropyl Alcohol



Applications: It is used in laundry, shampoos, body wash, facial cleansers, industrial foaming and textile applications.

Purity (%): 99.99 Min

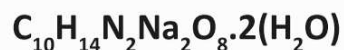
Density, 20 °C (g/cm³): 0.784-0.787

Acid content (C₂H₄O₂) (%): 0.002 Max



EDTA.2Na

Ethylenediamine-Tetraacetic Acid, Disodium salt



Applications: a chelating agent. It is a complex builder for sequestering of undesirable metal ions in cosmetic preparations. Hand Wash Liquid, Dishwash Liquid Laundry

Appearance: White crystalline powder

pH (5% aqueous solution): 4.0-5.0

Assay (%): 99.0 Min



Ethylenediamine-Tetraacetic Acid, Tetrasodium salt



Applications: Chemical cleaning, I & I Cleaners, Metal Finishing, Textiles, Pulp/Paper, Soap/Detergents, Enhanced Oil Recovery

Appearance: White crystalline powder

Assay: 98-101

pH (1% solution): 10.4-11



Sodium Alkyl (C12-C14) Sulfate



Applications: Shampoos, All-Purpose Cleaning, Bar Soap, Carpet/Upholstery Cleaning, Facial Cleansers, Hand Dishwashing, Hard Surface Care, Laundry, Light Duty Cleaning, Gas well Dewatering, Gas Well Unloading, Industrial Foaming Applications, Oil Field Drilling Fluid, Oil Field Cementing.

Active Matter (%): Min. 95.0

Appearance: White Needles

pH (5 % solution): 9.0 - 11.0



OPTICAL BRIGHTENER CBS-X



Applications: Optical Brightener CBS-X is mainly used in high-grade synthetic washing powder, super concentrated liquid detergent and whitening soap and soap

Appearance: Fine granules, Greenish yellow

E11: 1123-1163

Maximum absorption wavelength (max,nm): 347-351



Sodium Tripolyphosphate

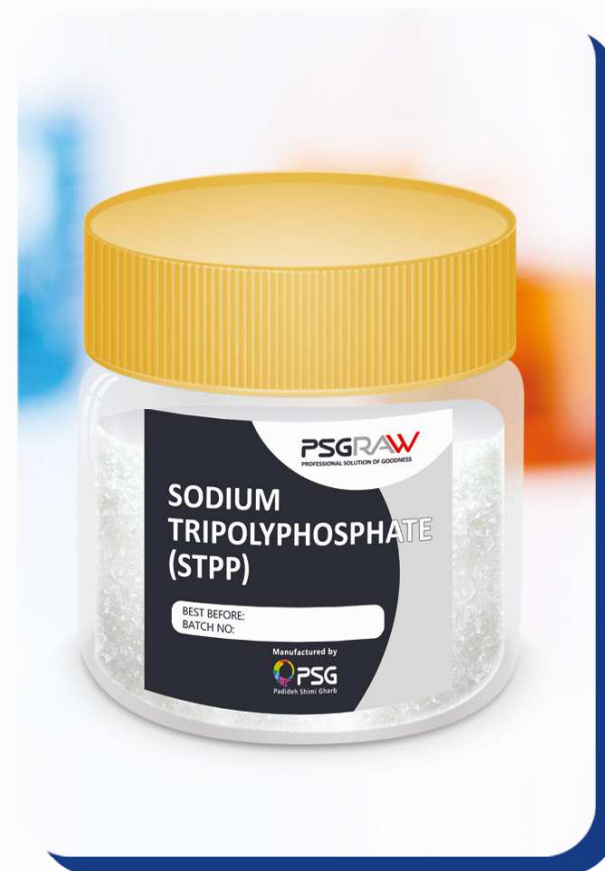


Applications: laundry detergents (powder, liquid, gel, tablets), automatic dishwashing detergents (powder, liquid, gel, tablets), toilet cleaners, and surface cleaners.

Assay (W/W): ≥94.0%

Appearance: White powder

%P2O5: ≥57.0



PEG-7 (GLYCERYL COCOATE)

Polyethylene Glycol-7/Glyceryl Cocoate



Applications: conditioner and emollient, emulsifier and solublizer and super-fatting agent in bubble bath, baby shampoos, hair conditioners and cosmetic products.

Appearance: Clear liquid

Color: Colorless to pale yellow

pH (5%): 6-8



SODIUM PERCARBONATE (SPC)

Sodium Percarbonate



Applications: Acts as an oxidant, provides powerful cleaning, bleaching, stain removal and deodorizing capabilities.

Molecular Weight: 314.02

pH value (25 °C): 10-11

Available oxygen: 13-13.5%

