

Surfactant Raw Materials

For Detergents and Personal Care




MARKET LEADER

Established in 1939, we are Israel's largest and most advanced developer, manufacturer and supplier of raw, intermediate and finished materials in three business areas: surfactants, professional cleaning products for industrial and institutional markets, and retail home and personal care products.

Our manufacturing facility employs more than 300 personnel and has an annual production capacity of more than 80,000 tons of products. Operational 24/7, it includes product development experts and chemists, and dedicated QC/QA professionals, to ensure compliance of our products to the highest possible standards and quality demands.

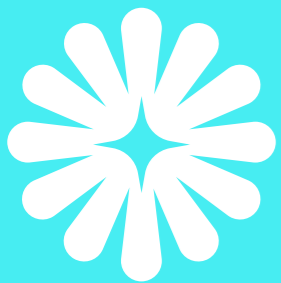
TRACK RECORD OF INNOVATION

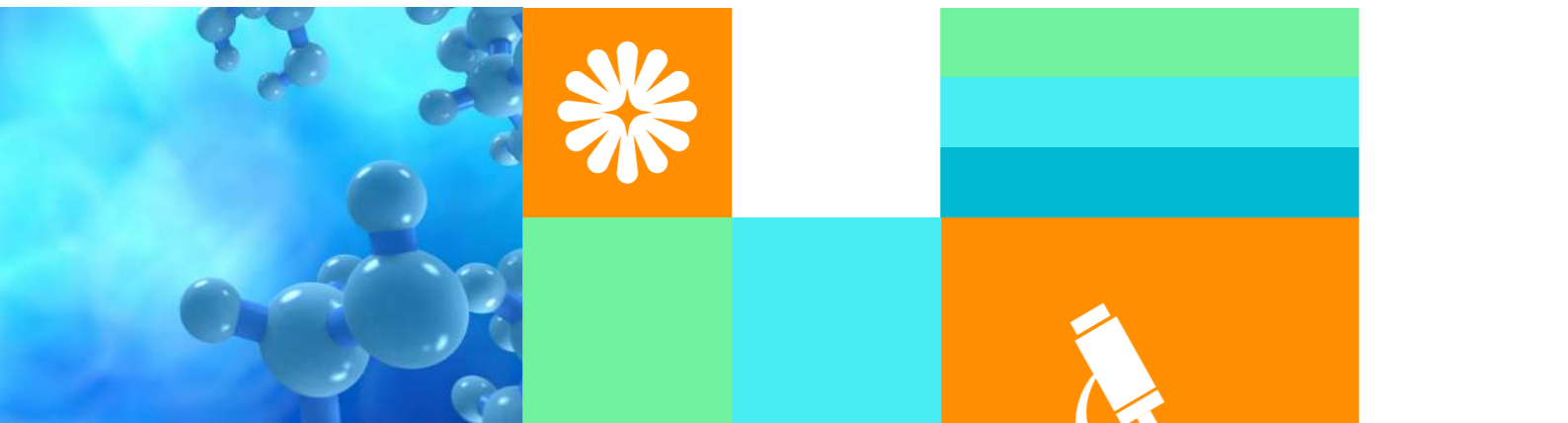


Our innovations have earned us international recognition. In the 1950s, we were the first company in the world to develop SO₃ gas sulfonation technology. This led to the introduction of a series of groundbreaking products personified by better quality and the implementation of more environmentally-friendly processes.

In the 1990s, we developed a unique drying and granulating process to produce Sodium Lauryl Sulfate (SLS) in granular form.

Those heralded the introduction of a hundreds of unique products based on the close connection between our internal development laboratory and our in-depth understanding of specific customer needs.





COMPREHENSIVE PRODUCT OFFERING

SURFACTANTS

We develop and produce a wide range of surfactant raw materials and detergent intermediates for industrial, institutional and retail home and personal care applications. Anionics, Amphoterics, Fatty Acid Alkanolamides, Nonionics, Cationics and Quaternaries, Pearlescence Agents and Special blends and concentrate bases.

Our main technologies include:

- ALKYLATION – ZOHARTERIC, ZOHARTAINÉ, ZOHARSYL
- ESTERIFICATION – ZOHAREX, ZOHARPHOS
- QUATERNIZATION – ZOHARQUAT, ZOHARSOFT
- OXIDATION – ZORAMOX
- AMIDATION – LAURAMIDE, ZORAMIDE
- POWDER PRODUCTION – Granulation Drying, Spray Drying and Dry Mixing
- CONCENTRATED BLENDS - ZOHARPEARL, ZOHARCONC, ZOHARLAB

RETAIL PRODUCTS

Our retail product line is based on special formula products designed specifically for home and personal care. They consist of a range of laundry and cleaning products, from washing detergent, hard-surface cleaners, stain removers, disinfectants, degreasers and home & laundry fragrances, to toiletries and lotions for personal care, all of which are also available as white label products.

ZOHAR DALIA PROFESSIONAL

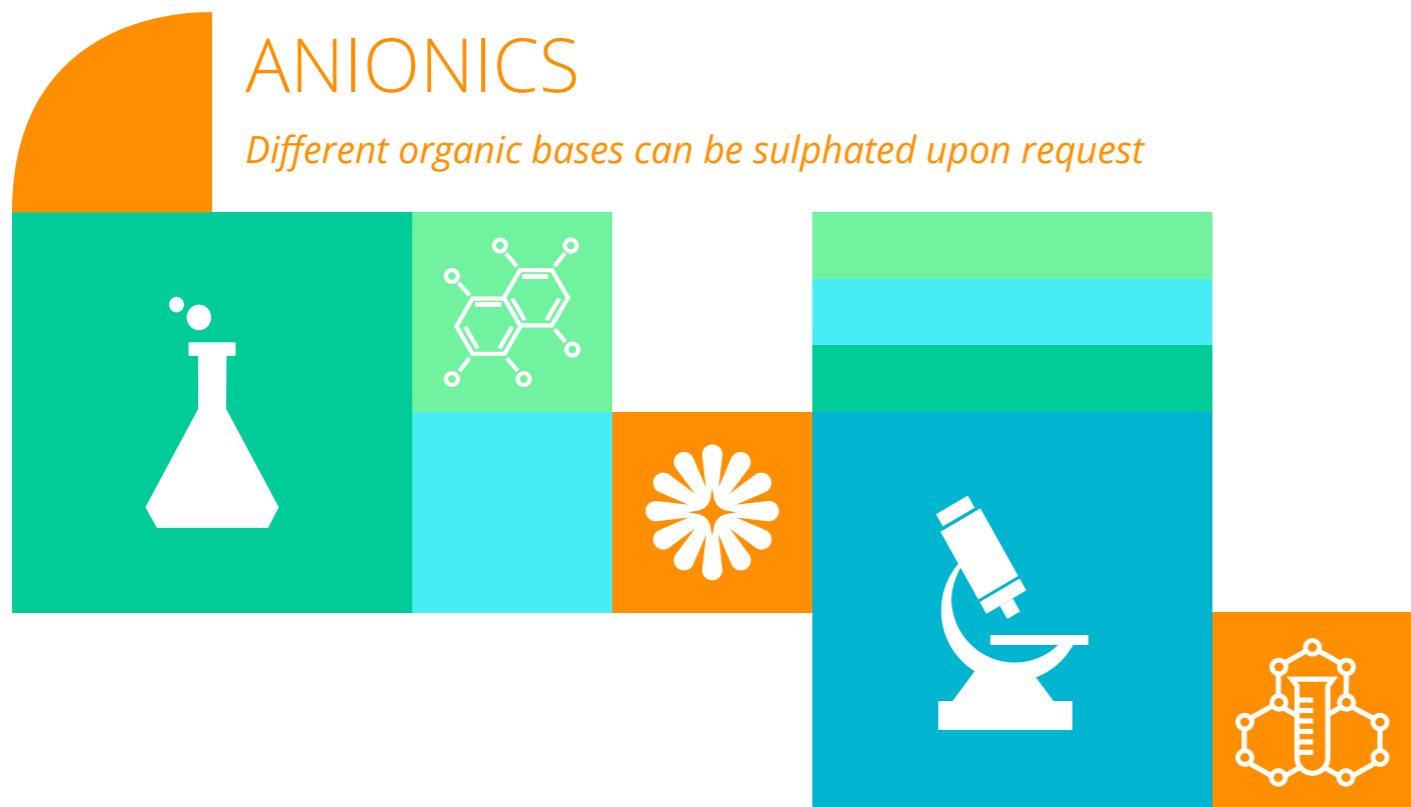
Our professional product line consists of a comprehensive range of ready-to-use cleaning and disinfectant solutions for industrial and institutional markets. Designed to support customers to become clean and safe, operate efficiently and achieve sustainability goals, they are used for the cleaning and disinfection of personnel, livestock, surfaces, utilities and equipment. Consequently, they are suitable for a wide range of industries, from agriculture and food & beverage to healthcare and institutions.

COMMITMENT TO QUALITY AND THE ENVIRONMENT

We are fully committed to delivering top-quality, environment-friendly and biodegradable products that comply with all relevant international standards and deliver minimal effluents and emissions compliant with regulations & standards. Our operations are ISO-compliant (QA management according to ISO 9001:2008, safety management according to ISO 18001, environment management according to ISO 14001) and our intermediates comply with international standards such as REACH. This strict, unparalleled level of accountability - based on intensive Quality Assurance and adherence to standards - delivers peace of mind to both employees and customers.

ANIONICS

Different organic bases can be sulphated upon request



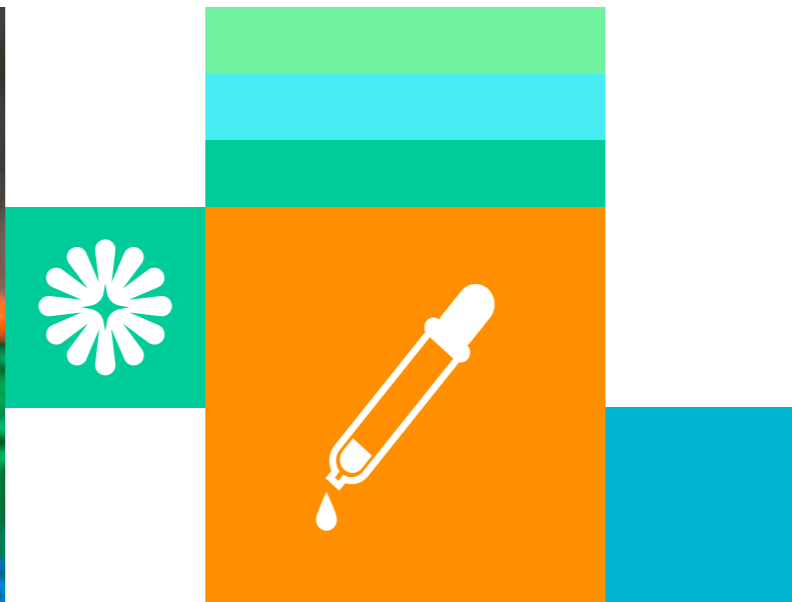
SULPHOSUCCINATES

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHARPON DOS	Sodium Dioctylsulphosuccinate	Paste	70	Wetting agent

PHOSPHATE ESTERS

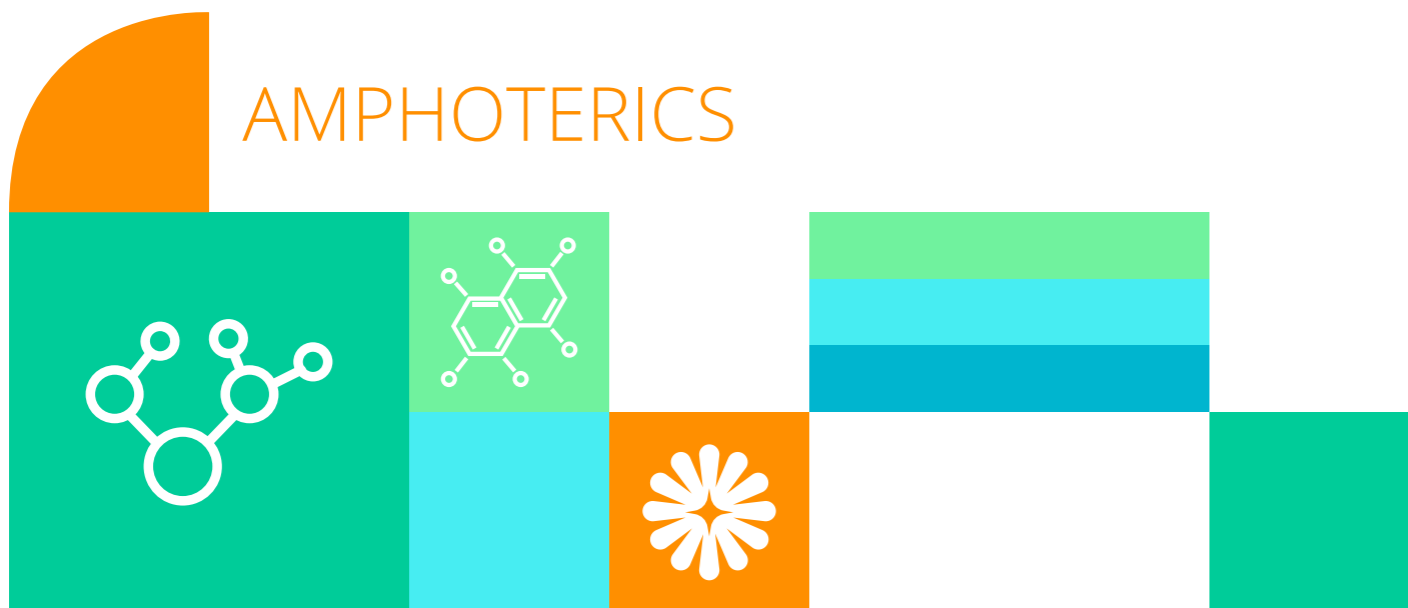
TRADE NAME	CHEMICAL NAME	FORM	ACTIVE %	REMARKS
ZOHARPHOS AA-3	Alkyl Ether Phosphate Acid form	Liquid	100	Antistatic agent for synthetic textile.
ZOHARPHOS A-3	Potassium Alkyl Ether Phosphate	Paste	70	
ZOHARPHOS AP 10	Nonoxynol 10 Phosphate	Viscous Liquid	100	Excellent hydro trope. Scale and corrosion inhibitor. Pigment dispersant.
ZOHARPHOS TAP 10	Triethanolamine Nonoxynol 10 Phosphate	Liquid	100	
ZOHARPHOS RA-600	Alkyl Ether Phosphate Acid form	Liquid	100	Combines good detergency emulsifying and corrosion inhibiting properties.

FATTY ACID ALKANOLAMIDES



TRADE NAME	INCI NAME	FORM	ACTIVE%	REMARKS
LAURAMIDE 11	Coconut Diethanolamide (whole cut)	Liquid	80	Foam boosters, thickeners and super fatting agent. Used in toiletries, household and industrial products. Contains Glycerin.
LAURAMIDE ME	Coconut Diethanolamide (C12-18 cut)	Liquid	90	Foam boosters, thickeners and super fatting agent, viscosity build up for various applications.
LAURAMIDE 21	Coconut Diethanolamide (2:1)	Liquid	100	Foam boosters, with free amine for neutralization in detergents.
LAURAMIDE N	Soya Diethanolamide	Liquid	85	Foam boosters, thickeners, higher viscosity than LAURAMIDE 11.
LAURAMIDE R	Coconut Diethanolamide and Soya Diethanolamide	Liquid	85	Foam boosters, thickeners and super fatting agent.
MONAMIDE	Coconut Diethanolamide	Flakes	90	Foam booster, thickener and super fatting agent. Excellent viscosity build up, a good replacement for DEA Alkanolamides.
MONAMIDE S	Stearic Monoethanolamide	Flakes	90	Opacifying agent.
LAURAMIDE S	Modified unsaturated Fatty Polyalkanolamide	Liquid	100	Anti corrosion additive for metal cleaning compounds.
MONAMIDE PEG 2	PEG 2 Cocamide	Solid	85	Primary Amide replacement for Cocamide DEA. Foam booster and stabilizer, excellent viscosity build up.
LAURAMIDE MIPA	Cocamide MIPA	Solid	100	Foam boosters, thickeners and super fatting agent. Used in toiletries, household and industrial products. Contains Glycerin.

AMPHOTERICIS



BETAINES

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHARTAINÉ ABC	Cocamidopropyl Betaine	Liquid	30	Good foaming agent, compatible in wide pH range. Ingredient of non-irritating, conditioning shampoos and other toiletries.
ZOHARTAINÉ ABC-45	Cocamidopropyl Betaine	Liquid	39	
ZOHARTAINÉ ABL	Lauramidopropyl Betaine	Liquid	30	Stable in detergents with alkaline formulations, used also in industrial foamers.
ZOHARTAINÉ AB	N-Lauryl/Myristyl Betaine	Liquid	30	Good foaming agent, recommended in various industrial cleaner formulations. Used also in mild shampoo formulations. Compatible in wide pH ranges.
ZOHARTAINÉ 12	N-Lauryl Betaine	Liquid	30	Stable in hypochlorite and hydrogen peroxide formulations.
ZOHARTAINÉ HS	Cocamidopropyl Hydroxysultaine	Liquid	50	Good foaming agent, compatible in wide pH range. Ingredient of non-irritating, conditioning shampoos and other toiletries. Stable in detergents with alkaline formulations, used also in industrial foamers.

AMPHO(di)ACETATES

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHARTERIC M	Sodium Cocoamphoacetate	Liquid	44	For mild, non-irritating, conditioning shampoos and bubble bath. Detergent for specialty Cleaners.
ZOHARTERIC D	Disodium Cocoamphodiacetate	Liquid to Gel	50	
ZOHARTERIC LF-8	Sodium Caprylamphoacetat	Liquid	34	Wetting agent for low foam household and industrial cleaners.

AMPHOTERIC SALTS

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHARTERIC D-2	Cocoamphodiacetate and Sodium Laureth Sulphate	Liquid	38	For mild, non-irritating, conditioning shampoos and bubble bath.
ZOHARTERIC D-O	Disodium Cocoamphodiacetate and Sodium Lauryl Sulphate	Liquid	34	
ZOHARTERIC M-2	Sodium Cocoamphoacetate and Sodium Laureth Sulphate	Liquid	35	

AMPHOPHDIPROPIONATES

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHARTERIC DSF MF	Disodium Cocoamphodipropionate	Liquid	70	Mild, salt free surfactant for non-irritating shampoos. Used also in household & industrial cleaners.
ZOHARTERIC DSF-L	Disodium Lauroamphodipropionate	Liquid	40	Mild, salt free, high foam surfactant, Used in personal cleansers.
ZOHARTERIC LF-SF	Disodium Sodium Caprylamphoacetat	Liquid	39	Salt free wetting agent for low foam heavy duty household and industrial cleaners.

CATIONICS AND QUATERNARIES



AMINE OXIDES

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZORAMOX CTO	Decylamine Oxide	Liquid	30	Controlled foaming surfactant for industrial applications. Good coupling and detergency. Hypochlorite stable.
ZORAMOX DDO	Lauramine Oxide	Liquid	30	Foam booster, viscosity builder, high detergency, grease emulsifier. Used also in sodium hypochlorite products.
ZORAMOX MO	Myristamine Oxide	Liquid	29	
ZORAMOX LO	Lauryl/Myristyl Amine Oxide	Liquid	30	Foam booster, viscosity builder, high detergency, grease emulsifier. Stable in Sodium Hypochlorite and Hydrogen Peroxide products.
ZORAMOX CAO	Cocamine Oxide	Liquid	30	
ZORAMOX E	Oleamine Oxide	Viscous Liquid	32	Used in personal care products as hair conditioner, viscosity builder and foam booster.
ZORAMOX	Cocamidopropyl Amine Oxide	Liquid	35	Foam booster and gentle conditioner in shampoos. Viscosity builder also in low pH. Grease emulsifier and foam booster in dishwashing liquids.

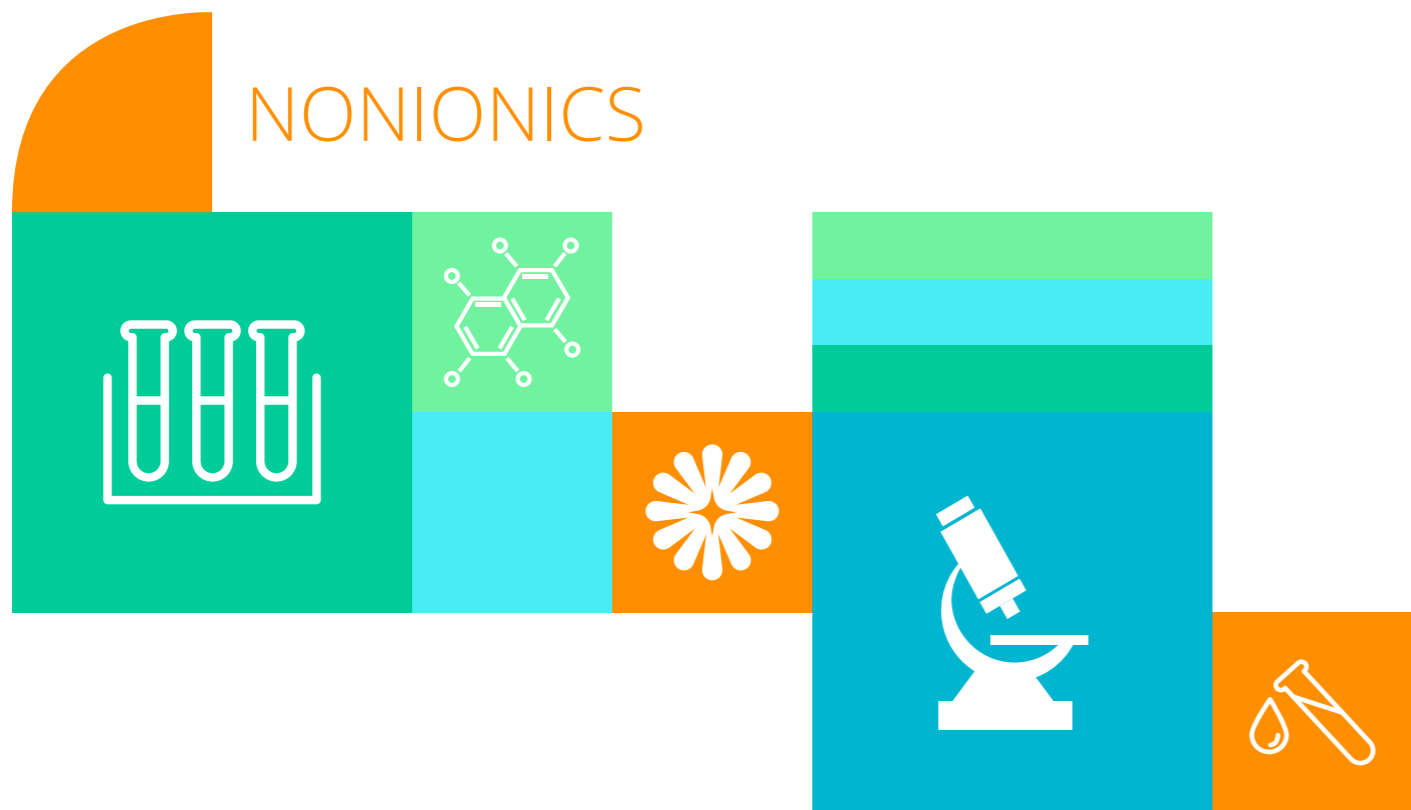
QUATERNARY AMMONIUM

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHARQUAT 50/80	Benzalkonium Chloride	Liquid	50 / 80	Disinfectant, fungicide, algaecide. *Different solvent available
ZOHARQUAT EB 50/80	Benzalkonium Chloride and Ethyl Benzalkonium Chloride	Liquid	50 / 80	Bactericidal, fungicide, disinfectant and algaecide agent.
ZOHARQUAT LF	Diocetyl dimethyl Ammonium Bromide	Liquid	50	Disinfectant, fungicide, algaecide. Low foam.
ZOHARQUAT LF 80	Diocetyl dimethyl Ammonium Bromide	Liquid	80	
ZOHARQUAT 810	Decyloctyldimethyl, Ammonium Bromide	Liquid	50	Disinfectant, fungicide, algaecide. Medium foam.
ZOHARQUAT 810/80	Decyloctyldimethyl, Ammonium Bromide	Liquid	80	
ZOHARQUAT 1010	Didecyl Dimethyl Ammonium Bromide	Liquid	50	Disinfectant, fungicide, algaecide. High foam.
ZOHARQUAT 1010/80	Didecyl Dimethyl Ammonium Bromide	Liquid	80	

TERTIARY AMINES

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZORAMIDE AAL	Lauramidopropyl Dimethylamine	Solid	100	Intermediate for Amine oxide, Betaines, etc.
ZORAMIDE AAS	Stearamidopropyl Dimethylamine	Solid	100	For use as conditioning agent in hair products imparting gentle non greasy conditioning.
ZORAMIDE AAC	Cocamidopropyl Dimethylamine	Solid	100	Intermediate for Amine oxide, Betaines, etc.

NONIONICS



GLYCOL ESTERS

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHAREX EGMS	Glycol Stearate	Flakes	100	Opacifying and pearlescent agent.
ZOHAREX EGDS	Glycol Distearate	Flakes	100	

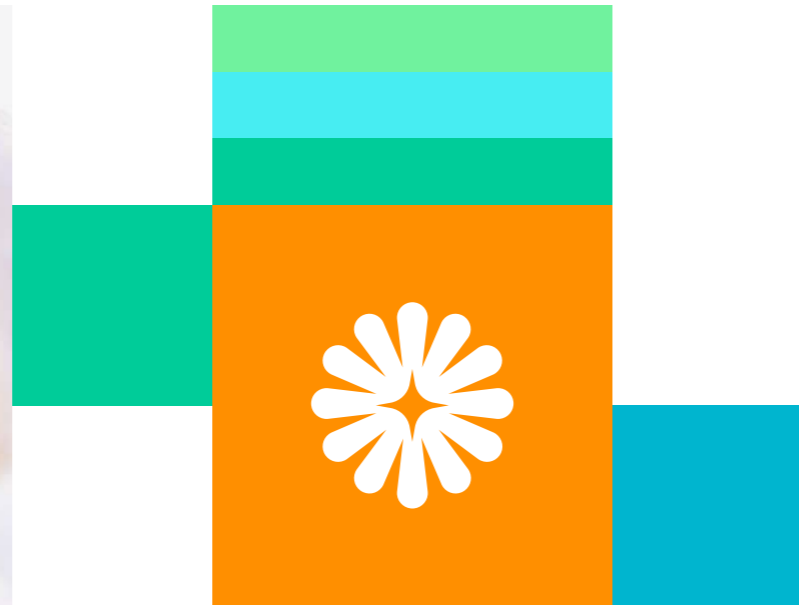
POLY ETHYLENE GLYCOL ESTERS

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHAREX A-10	Fatty Acid Polyglycol Ester	Liquid	100	Surfactant, wetting agent.
ZOHAREX PEGS 100	PEG 100 Stearate	Flakes	100	Emulsifier and emollient for creams and lotions.

GLYCERYL ESTERS

TRADE NAME	INCI NAME	FORM	ACTIVE %	REMARKS
ZOHAREX GLST	Glyceryl Stearate	Flakes	100	Emulsifier for cosmetic creams and lotions.
ZOHAREX GLST SE	Glyceryl Stearate Self Emulsifiable	Flakes	100	
ZOHARCEL 165	Glyceryl Stearate and PEG 100 Stearate	Flakes	100	Emulsifier and skin conditioner in creams, lotions and all other O/W products.

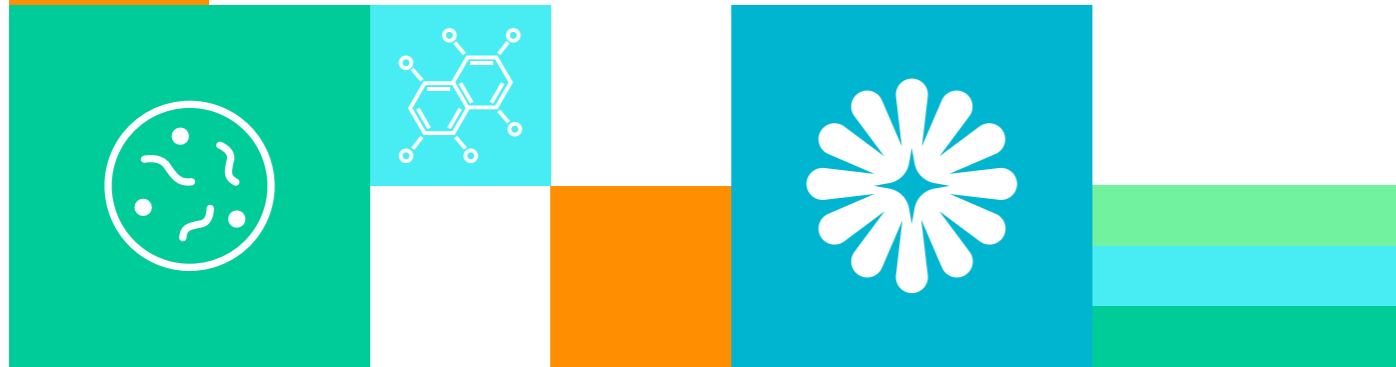
PEARLESCENCE AGENTS



TRADE NAME	INCI NAME	FORM	ACTIVE%	REMARKS
ZOHARPEARL 771	Blend of Sodium Laureth Sulfate, Ethyleneglycol Distearate, Cocoamide MEA	Paste	44	Pearlescent agent for shampoos and liquids.
ZOHARPEARL 700	Blend of Glycol Distearate (and) Sodium Laureth Sulphate (and) Cocamidopropyl Betaine (and) Fatty Alcohol	Liquid	33	Pumpable pearlescent agent for shampoos and liquids. Easy to handle at ambient temperature. Does not contain Alkanolamides.
ZOHARPEARL EMC	Blend of Ammonium Laureth Sulfate, Glycol Distearate, Cocamide MEA and Cetyl alcohol	Soft Paste	36	Cold process pearlescent for Ammonium Lauryl or Ammonium Laureth based toiletries.
ZOHARPEARL 3000	Blend of Glycol Distearate (and) Cocamidopropyl Betaine (and) Laureth - 4	Viscous Liquid	42	Pearlescent agent for shampoos and liquids based on amphoteric surfactants.
ZOHARPEARL GREEN	Cocamidopropyl Hydroxysultaine (and) Ethylene Glycol Distearate (and) Cocamide MIPA (and) Laureth 10	Viscous Liquid	35	White pumpable pearlescent agent for shampoos and liquids. Easy to handle at ambient temperature. SLES, Alkanolamides and Betaine free.

SPECIAL BLENDS AND BASES

Various tailor-made blends and bases can be made upon customer's request



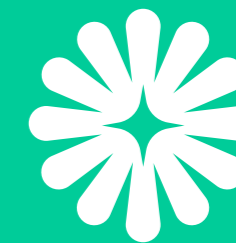
PERSONAL CARE CONCENTRATES

TRADE NAME	CHEMICAL NAME	FORM	ACTIVE %	REMARKS
ZOHARCONC SC	Blend of Anionic, Amphoteric and Nonionic Surfactants	Viscous Liquid	63	Unique raw material for processing at room temperature of high quality clear conditioning shampoos and toiletries.
ZOHARCONC WB	Blend of Anionic, Amphoteric and Nonionic Surfactants	Viscous Liquid	63	
ZOHARCONC SPC	Blend of Anionic, Amphoteric and Nonionic surfactants.	Viscous Liquid	63	
ZOHARCONC PWB	Blend of Anionic, Amphoteric and Nonionic Surfactants	Viscous Liquid	63	Unique raw material for processing at room temperature of high quality pearly conditioning shampoos and toiletries.
POTASIAM SOAP	Potassium Cocoate	Clear Liquid	40	Base for natural cosmetic formulations like lotions, soaps and shampoos as well as home care products. Enables high foam and efficient detergency.
ZOHARCONC 101	Blend of anionic, amphoteric, nonionic surfactants and additives	Viscous Liquid	60	High foaming shampoo concentrate for shampoos and body washes. It contains mild surfactants and additives to enhance mildness and skin feel.
ZOHARCONC BALE	Blend of Anionic, Amphoteric and Nonionic surfactants	Pourable Paste	65	Concentrated mixture of surfactants for processing at room temperature of high quality shampoos, and toiletries. May also be used for cleaning products.

INDUSTRIAL CONCENTRATES

TRADE NAME	CHEMICAL NAME	FORM	ACTIVE %	REMARKS
ZOHARLAB TEX 84	Blend of Anionic and Nonionic surfactants	Pourable Paste	80	Base for liquid detergents, dishwashing and general cleaning products.
ZOHARLAB BLEND	Blend of anionic and amide surfactant blend	Viscous Liquid	100	Used as emulsifier, detergent, foaming agent and foam builder alone or in combination with anionic and nonionic detergent in cleaning products.
ZOHARLAB RW	Blend of Anionic and Nonionic surfactants	Pourable Paste	65	Base for liquid detergents, dishwashing and general cleaning products.
ZOHARLAB D CONC	Blend of Anionic surfactants and solvents	Viscous Liquid	62	Concentrated product for the manufacture of automotive cleaners and liquid detergents.
ZOHARLAB CP-7	Blend of Anionic surfactants, solvents	Liquid	45	
ZOHARLAB K	Blend of Sodium Sulphosuccinates and Alkyl Sulphates	Liquid	25	Concentrated detergent used as foam shampoo for carpet and upholstery. Creates stable foam and easily removed dried residue.
ZOHARFOAM	Mixture of anionic and nonionic surfactants	Liquid	40	Foaming agent for water drilling.
SEPTOACT AS	Blend of Quaternary Ammonium agents	Liquid	50	For professional disinfectant and biocidal products.

TEXTILE AUXILIARIES



TRADE NAME	CHEMICAL NAME	FORM	ACTIVE%	REMARKS
ZOHARSOFT DAS CS	Fatty Acid Amine Derivative	Flakes	100	Cold water soluble cationic textile softener base.
ZOHARSOFT DAS	Fatty Acid Amine Derivative	Flakes	100	Cationic textile softener base.
ZOHARSOFT NIS	Fatty Acid Derivative	Flakes	100	Nonionic textile softener base, non-yellowing.
ZOHARSOFT DAS SIL	Fatty Acid Amine Condensation Product and Silicone Derivative	Flakes	100	Cationic textile softener base with Silicone. Typical soft hand.
ZOHARPHOS A-3	Potassium Alkyl Ether Phosphate	Paste	70	Antistatic agent for synthetic textile.

SPECIAL DETERGENT BASES

Zohar Dalia specializes also in high quality, tailor-made concentrates and ready to use private label products including:

- LIQUID / GEL LAUNDRY, DISHWASHING AND FLOOR DETERGENTS
- SCALE & RUST REMOVER
- ALL-PURPOSE CLEANER, SURFACE CLEANER & SANITIZER, POLISH/POLISHER
- PROFESSIONAL FRAGRANCES & DEODORIZERS

Upon request, we can offer additional surfactant raw materials not listed in this catalogue.

Please contact us for further details.



**By Professionals
for Professionals**

