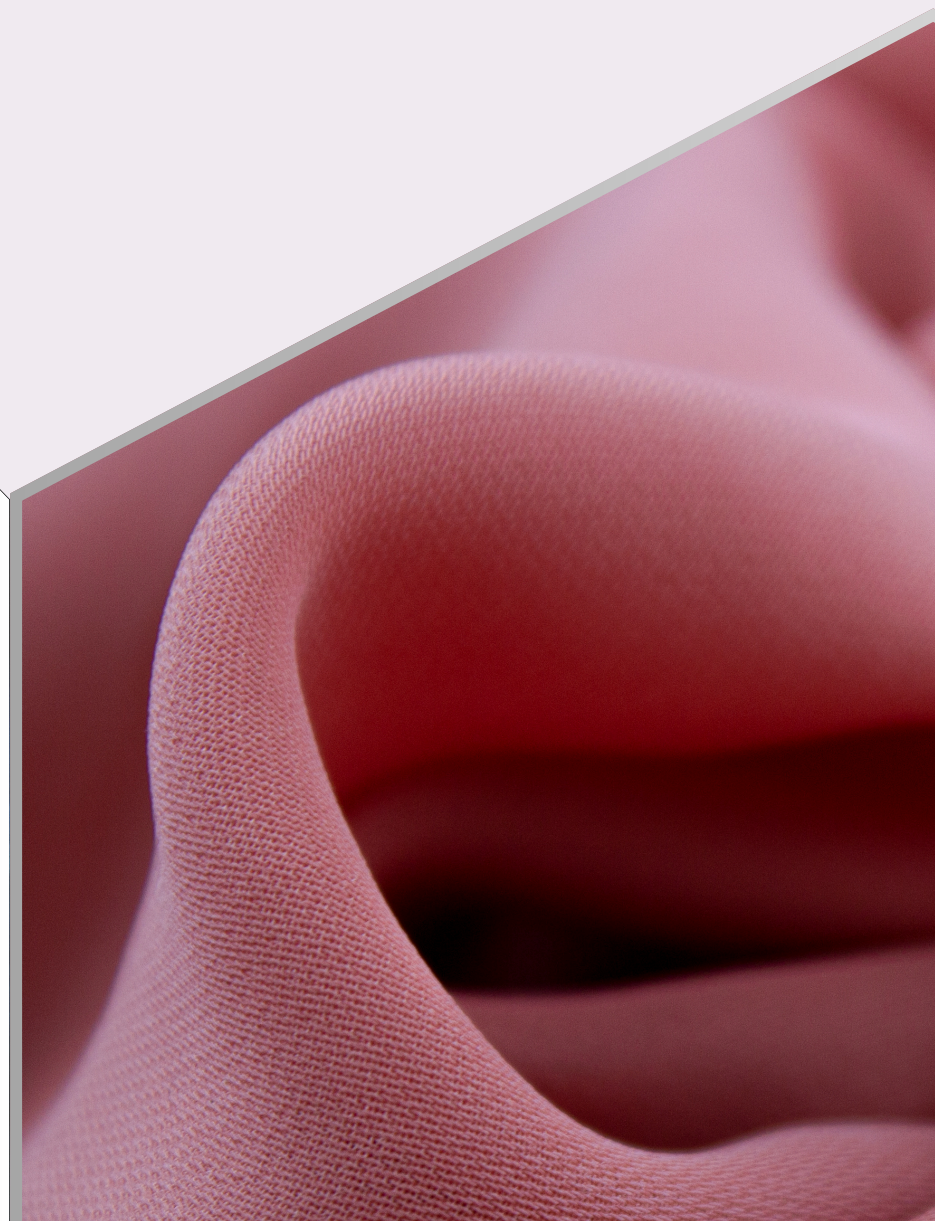




We engineer high-performance chemical solutions that drive progress across industries, from Textiles auxiliaries to industrial chemicals and advanced manufacturing.



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ABOUT COMPANY

Regd. office and plant in Ludhiana, Neotech Organics is a Global Market Leader in chemical manufacturing and distribution with a diversified product portfolio and a highly diverse supplier base. Embracing a culture of innovation, We engineer high-performance chemical solutions that drive progress across industries, from Textiles and Food to Medical, hospitality, and advanced manufacturing..

VISION & MISSION

VISION

To be a leader in sustainable chemical manufacturing, driving innovation, safety, and environmental responsibility to improve lives and industries worldwide.

MISSION

Our mission is to manufacture high-quality chemical products through cutting-edge technology and environmentally responsible practices. We are committed to meeting the evolving needs of our customers, ensuring the safety of our people, environmental sustainability and fostering long-term value for all stakeholders.

OUR PRODUCTS

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XNI SR (Liquid detergent)

Description

XNI SR is a liquid detergent containing Lauryl Alcohol Ethoxylate which is used for cleaning and wetting applications. It is biodegradable liquid laundry detergent specially formulated with an excellent eco - toxicological profile containing a synergistic blend of synthetic detergents and organic solvents for low and high temperature washing of all fabrics .

Properties

- *Superior wetting*
- *Rapid dissolution & good rinse-ability*
- *Removes machine stains and soils*
- *Removes oil and wax*
- *Excellent in oil and waxy oligomer rich soil removal*

Characterstics

Appearance	Colourless to yellowish transparent thick liquid
Solubility	Readily soluble in water
pH value	4~6(1% Aqueous solution)

Application

Dosage: 0.5~1% o.w.f

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between 0°C and +45 °C, XNI SR can be used for up to 12 months after the date of manufacture marked on the packaging

SOLBALOL

(Oil & Grease remover)

Description

SOLBALOL is a LOW FOAMING, non-ionic surfactant which is used for cleaning and wetting applications. It is a mixture of special surfactants and high boiling point solvents in a proven line of biodegradable, nonionic surfactants with low aquatic toxicity. It is designed to provide formulation flexibility, and to meet or exceed environmental requirements.

Properties

- *Superior wetting*
- *Excellent in oil and waxy oligomer rich soil removal*
- *Rapid dissolution & good rinseability*
- *Excellent stability*
- *Stable with alkalis and acids at high temperature*

Characterstics

Appearance	Colourless to yellowish transparent thick liquid
Solubility	Readily soluble in all proportions in water
pH value	7~8(1% Aqueous solution)
Ionic character	Nonionic

Application

Dosage: 0.5~1% o.w.f

0°C~90°C×15~30min

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between 0°C and +45 °C, SOLBALOL can be used for up to 12 months after the date of manufacture marked on the packaging

WR 100

(Wetting & Scouring)

Description

WR 100 is highly concentrated solvent-based emulsifying and wetting agent. It is recommended for scouring process of all fibers. It removes all hydrophobic and oily impurities from fabric at low temperature. WR 100 is recommended for batch process.

Properties

- *Excellent scouring agent with good wetting and detergent action.*
- *Removes oily contamination and sizes of all types producing a high degree of purification and good absorbency.*
- *It works excellent at low temperatures also.*

Characterstics

Appearance	Clear, colorless to light yellow
Stability to hard water	Good
pH value	7(1% Aqueous solution)
Ionic character	Nonionic

Application

5-30g/l WR 100

40-60g/l caustic soda (100%)

Storage and shelf-life

Store in a cool/dry place ☒ Avoid storing in direct sunlight. The shelf life of WR 100 is one year, if storage temperature is below 30°C. The usual storage, handling, usage and safety precautions should be observed.

DFT (Levelling agent)

Description

is a high-performance Dispersing & Leveling Agent formulated to ensure uniform dye penetration, prevent dye particle aggregation, and maintain consistent shade across various fabric types and dye classes. It's ideal for achieving flawless results in batch dyeing, continuous dyeing, and jet dyeing processes.

Properties

Appearance	Light brow powder
Composition	Naphthalene Sulfonate Formaldehyde Condensate
Ion Type	Negative Ion
Solubility	Easily Soluble in water

Characterstics

PH value(1% water-solution)	7--9
Sodium sulphate content % \leq	18
Insolubles in water % \leq	0.05
Content of calcium and magnesium ion, ppm \leq	4000

Application

Easily soluble in water, acid, alkali and hard water, it mainly works as dispersant in disperse dye, vat dye, reactive dye, acid dye and leather dyestuff. It has good dispersion force, grinding effect and solubilizing effect. It can also be used as dispersant for textile dyeing, wettable pesticide, paper, electroplating, water based coating and pigment, oil well, water treatment and carbon black; additive for cement; stabilizing agent for rubber; tanning auxiliary for leather etc.

ESTR QAT

(Biodegradable cationic fabric softener)

Description

ESTR QAT is cationic biodegradable fabric softener. The product can be used for fabrics made up of cotton and its blends, rayon, viscose fiber, synthetic fiber, silk, wool, etc.

Properties

- *Excellent softening performance – very pleasant hand feel*
- *Good compatibility with cationic and nonionic auxiliaries*
- *Imparts good body with silky feel on all kinds of knitted goods*
- *Minimizes static problem and prevents soil attraction*
- *Treated fabric has reduced static charge and drying time*

Characterstics

Appearance	Milky white
Solubility	Readily soluble in water
pH value	7~8(1% Aqueous solution)
Ionic character	Cationic

Application

Exhaustion process: 1~2% o.w.f. 40°C~50°C×15~30min

Padding process: 20~30g/L, single-dip-single-nip

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between +0°C and +40 °C, ESTR QAT can be used for up to 12 months after the date of manufacture marked on the packaging

SOFTEX-W

(Nonionic fabric softener)

Description

SOFTEX W is a non-yellowing polymerized non ionic fabric softener. The product can be used for white fabrics made up of cotton and its blends, rayon, viscose fiber, synthetic fiber, silk, wool, etc

Properties

- *Non yellowing (Especially suitable for white fabrics).*
- *Compatible with optical brighteners.*
- *Good softness. n Excellent stability.*
- *Good compatibility with cationic and nonionic auxiliaries.*
- *Can be used with fluorocarbon soil release agents at the same finishing bath.*

Characterstics

Appearance	Milky white
Solubility	Readily soluble in water
pH value	4~6(1% Aqueous solution)
Ionic character	Nonionic

Application

Exhaustion process: 1~2% o.w.f. 40°C~50°C×15~30min

Padding process: 20~30g/L, single-dip-single-nip

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between +0°C and +40 °C, SOFTEX W can be used for up to 12 months after the date of manufacture marked on the packaging

POLIN 999 (Amino Silicone softener)

Description

POLIN 999 is a linear multi variant copolymerization block modified organic micro silicone softener emulsion

Properties

- *Endo fabric superior soft hand feeling especially on polyester fabrics*
- *Self-emulsified diluted without any emulsifiers*
- *Little yellowishness to the fabric*
- *Better stability compared to traditional amino silicone oils*
- *Non sticky to roller, no de-emulsification, no floating oil during usage*

Characterstics

Appearance	Slightly yellowish transparent liquid
Solubility	Readily soluble in water
pH value	6~7(10% Aqueous solution)
Ionic character	Weekly Cationic

Application

Exhaustion process: 1~2% o.w.f. 40°C~50°C×15~30min

Padding process: 20~30g/L, single-dip-single-nip

Most suitable for polyester chemical fiber and its blended fabrics

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between 0°C and +45 °C, POLIN 999 can be used for up to 6 months after the date of manufacture marked on the packaging. Comply with storage instructions.

NEO S-180

(Block silicone softener)

Description

NEO S-180 is a novel (AB)_n linear, polydimethylsiloxaneamino polyalkyleneoxide polyether block copolymer. It is different from the traditional silicone softeners extensively used in textile finishing, For the traditional ones are easily to lead to issues, such as dyestuff thermal migration, oily/greasy feel or color change, particularly on polyester and its blends in the application processes. NEO S-180 was developed to address these issues. It performs effectively even at very low concentration in the finishing bath, and stable in most processing conditions

Properties

- Imparts special softness, fluffiness and slickness to the finished fabrics.
- Self-emulsifying product, readily to be diluted to any concentration without additional emulsifier.
- Low dosage and high effectiveness for synthetics and their blends.
- Good wash durability.
- Little or no yellowing.
- Excellent fiber elasticity and shape recovery.
- No dyestuff migration issue in finishing process.
- Excellent stability under most softening situations, including jet/soft flow machines.
- Can co-applied with anti-crease resins and catalysts,OBAs.
- Compatible with anionic auxiliaries.

Characterstics

Appearance	Yellow transparent liquid
pH value	4.5~6.5(10% Aqueous solution)
Ionic character	Cationic

Application

NEO S-180 can be readily diluted with water, no additional emulsifier required. It can be used as received or pre-diluted with water before application. Recommended application processes are as follows.

Padding process: 5-10 g/L for light fabric, 10-20 g/L for heavy fabric, pH 5.0-7.0, and drying/curing at 120-170 °C for 1-3min

Exhaustion process: 0.5-1.0% (o.w.f), Liquor ratio 1:10-20, pH 5.0-7.0, room temperature for 10-30min, and drying/curing at 100- 170°C for 1-3 min

Garment washing process: 1.0-3.0% on the weight of garment, pH 5.0-7.0, room temperature for 10-30min, and tumbling drying. Dosage can be adjusted according to fabric and customer requirements

Storage and shelf-life

NEO S-180 has a shelf life up to 12 months if stored in tightly closed original containers between 5-35°C. If the material is kept beyond the shelf life recommended, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application. The containers must be protected against sunlight and frost.

MAC-70

(Block copolymer silicone fluid)

Description

MAC-70 is a novel (AB)_n linear, polydimethylsiloxaneamino polyalkyleneoxide polyether block copolymer.

Properties

- MAC-70 imparts a very special smooth, silky and soft touch to treated fabrics
- MAC-70 imparts resilience property in fabric
- MAC-70 has several benefits compared to traditional amino silicone softener like shear stability, low yellowing, less hydrophobicity & better hand feel at lower active silicone level
- MAC-70 very little effect on the degree of whiteness
- MAC-70 high active solids content
- MAC -70 is an excellent Macro Emulsion

Special features

- Very special smooth, silky and soft touch
- Outstanding performance on polyester fleece fabrics compared to traditional amino silicone softener
- Excellent smoothing agent
- Shear stable
- Excellent durability
- Cost-effective

Characterstics

Appearance	Clear to slightly turbid fluid
Ionic character	Week Cationic

Application

- All types of polyester fleece fabric, such as mink
- blanket, coral velvet, polar fleece etc.
- In PC blend
- In viscose
- In cotton

R-3081 (Amino Oil)

Description

R 3081, as a high-quality amino silicone oil, imparts soft, fluffy, icy hand feelings, as well as obvious drapability to the treated fabrics. It can be used alone or blended with other amino silicones in order to obtain smooth, silky feeling

Properties

- Suitable for icy, soft finishing of pure cotton, cotton/PES blends , mercerized cotton, viscose fiber, etc
- It shows good permeability and can enter the inside of the fabric easily, making the fabric inner soft and cool
- Environmental-friendly, Oeko-Tex Standard 100 of EU

Special features

- Very soft, fluffy comfort hand feeling
- Easy to emulsify

Characterstics

Appearance	Colorless transparent sticky oily liquid
Viscosity (25°C)	Approx. 100
Ionic character	Weak Cationic
Solid content (105°C for 2h)	~100%

Application

- All woven, non-woven and knitted cotton fabrics
- Cotton/PES blend
- Softeners for textile finishes

(Emulsifier for silicon Oil)

Description

Fatty Alcohol Polyoxyethylene Ether

Properties

- Can be combined with anionic, cationic and nonionic surfactants;
- Compatibility with dyes, pigments, thickeners and other substances;
- Good performance of wetting, degreasing, emulsifier and dispersing;
- Readily biodegradable;
- Low odor;
- Low aquatic toxicity

Characterstics

Appearance at 25°C	Colorless transparent liquid
water Content wt%(m/m)(2)	≤0.3
pH (1 wt% aq solution)(3)	5.0-7.0

Application

- Textile processing
- Hard surface cleaners
- Leather processing
- Dyeing processing
- Laundry detergents
- Paints and coatings
- Emulsion polymerization ☒ Oilfield chemicals
- Metalworking fluid
- Agrochemicals

GET IN TOUCH

Contact us today to discuss your requirements or explore our full product catalog.

OUR CONTACT



+91-9814175968



ntoajay@yahoo.co.in



www.neotechorganics.com



**76-B Industrial Area-A Ext.,
Ludhiana-141003,Punjab**

**"Let's Build a
Better Formula
Together"**