

Kimyagaran Sanat Toos

International Trading Co.

Chemical/ Mineral/ Detergent

Import/ Export/ Manufacture

www.ksts.ir



کیمیایاران صنعت طوس

Company Profile:

Kimyagaran Sanat Toos

Kimyagaran Sanat Toos, is an international trading company with more than 30 years of work experience, specializing in import, export, and manufacturing of high-quality chemical, mineral, and detergent materials. With active offices in Afghanistan, China, the UAE, and Uzbekistan, we are strategically positioned to serve a diverse range of industries across the globe.

Our commitment to excellence and innovation drives us to deliver tailored solutions that meet the unique needs of our clients. Our extensive product portfolio adheres to the highest quality and sustainability standards, ensuring that every material we provide supports your business goals.

With a global network of suppliers and partners, we offer competitive pricing and reliable service, fostering lasting relationships built on trust and collaboration. Explore our offerings and discover how Kimyagaran Sanat Toos can support your business needs today!



LABSA

LINEAR ALKYL BENZENE SULFONIC ACID

CHARACTERISTICS: BROWN OILY LIQUID.

Properties:

- **Appearance:** Usually appears as a brownish, viscous liquid.
- **Chemical Formula:** $C_6H_5C_nH_{2n+1}SO_3H$, where n generally ranges from 10-14.
- **pH:** Strongly acidic.
- **Solubility:** Readily soluble in water.

Application of LABSA:

- 1. Detergents and Cleaning Products:** LABSA is commonly used as a raw material for household and industrial detergents due to its strong emulsifying, foaming, and cleaning properties.
- 2. Emulsifier:** In the textile and leather industries, it is used to improve the dispersion of dyes.
- 3. Agrochemicals:** Sometimes utilized in pesticide formulations.



SLES N70

SODIUM LAURYL ETHER SULFATE

CHARACTERISTICS: WHITE VISCOUS PASTE.

Properties

- **Chemical Formula:** $C_{12}H_{25}O(CH_2CH_2O)_nSO_4Na$ (where n is typically 1-3, indicating the number of ethylene oxide units).
- **Appearance:** Typically a clear to pale yellow, viscous liquid.
- **Solubility:** Highly soluble in water.
- **pH:** Slightly acidic to neutral, depending on formulation.

Application of SLES:

- **Personal Care Products:** Found in shampoos, body washes, toothpaste, and hand soaps due to its ability to create a rich, stable lather.
- **Household Cleaners:** Used in dishwashing liquids and other detergents, as it effectively removes oils and greases.
- **Industrial Cleaning Agents:** SLES is included in some heavy-duty cleaners due to its powerful detergent action and low skin irritation compared to other sulfates.



LORAMID

COCONUT OIL DIETHANOLAMINE CONDENSATE

Properties:

- **Appearance:** Pale yellow to amber, viscous liquid.
- **Chemical Formula:** Generally represented as $RCONH(CH_2CH_2OH)_2$, where R represents the coconut oil fatty acid chain.
- **Solubility:** Soluble in water and other oils.
- **pH:** Generally neutral to slightly alkaline.

Application of LORAMID:

- **Thickener and Foaming Agent:** Increases the viscosity of formulations and enhances foaming, especially in shampoos and body washes.
- **Emulsifier:** Helps blend oil and water-based ingredients in products, improving consistency and stability.
- **Stabilizer:** Adds body to formulations, giving a richer feel to creams, lotions, and soaps.



DEA

SOYAMID

CHARACTERISTICS: THE LIQUID IS EMBODIED AND VISCOUS, AND ITS COLOR YELLOW.

Properties

•**Chemical Formula:** Similar to other amides, it has the general structure $RCONH(CH_2CH_2OH)_2$, where R represents the fatty acid chain derived from soybean oil.

•**Appearance:** Typically a pale yellow to amber, viscous liquid or paste.

•**Solubility:** Soluble in water and compatible with many other surfactants.

•**pH:** Neutral to slightly alkaline, depending on the formulation.

Application of SOYAMID:

•**Personal Care Products:** Commonly used in shampoos, conditioners, body washes, and creams as a thickener and foaming agent.

•**Household Cleaners:** Found in detergents and dishwashing liquids for its foam-stabilizing properties.



BETAINE

COCO AMID PROPYL BETAINE

CHARACTERISTICS: COLORLESS TO PALE YELLOW

Properties:

- **Chemical Formula:** $C_5H_{11}NO_2$ for the basic betaine molecule. Cocamidopropyl Betaine has a more complex structure, as it's derived from fatty acids found in coconut oil.
- **Appearance:** Usually a clear to pale yellow, viscous liquid.
- **Solubility:** Soluble in water, compatible with anionic, cationic, and nonionic surfactants.
- **pH:** Typically around neutral, but it functions well in a wide pH range.

Application of BETAINE:

- **Personal Care Products:** Common in shampoos, body washes, hand soaps, and facial cleansers, as it helps reduce irritation and enhances foam.
- **Household Cleaners:** Often found in dishwashing liquids and mild household cleaners due to its gentle nature and good cleaning power.
- **Baby and Sensitive Skin Products:** Frequently used in formulations for sensitive skin or baby care products due to its mild, non-irritating properties.

We also can offer:

Butyl Acetate (Grade A&B)	Nonylphenol Ethoxyla	Sodium Sulfit	Formalin
Iranian Butyl Glycol	Silicate-based Glue	Sodium Metabisulfite	Ammonium Sulfate
Butyl Glycol Acetate	Poly Ethylene	Liquid Sodium Bisulfite	Ammonium Bicarbonate
MOI 7	Methylene Chloride	Sodium Sulfit Catalyst	Potassium Chloride
MOL 10	Ethyl Acetate	Liquid Sodium Silicate	Chrome Tanning Agent Dry
PMA	Methyl Acetate 80,85,90	Sodium Bicarbonate	Dicalcium Phosphate
PEG	Isobutyl Acetate (Grad A&B)	Skim Milk Powder	All kinds of Colors & Essential Oils
MPG	Essential Oil	Potassium Sulphate	



Quality Assurance

Quality and performance of chemicals has direct relationship with the satisfaction level of clients.



Chemicals

We are known in the industry for formulating and offering superior quality chemicals.

CONTACT

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