



**PAT IMPEX**

*Transforming Happiness*

**SURFACTANTS & ESTERS CHEMICALS**

# **SURFACTANTS \* ETHOXYLATES**

Surfactants, Esters, Specialty Chemicals & Preservatives Chemicals



# Our Introduction

## Pat Impex Surfactants & Ethoxylates

Surfactant manufactures in India here are eco-friendly, processed with stringent quality norms through state-of-the-art technologies to meet the exact & timely needs of the customers. Apart from standard products we also manufacture formulated blends to match customer specific requirements. Our Advanced Research & development center is continuously engaged in new-product development to expand our portfolio of products and serve our ever growing customer base.



# ALKYL PHENOL ETHOXYLATES



Pat impex, manufactures in India a wide range of alkyl phenol ethoxylates. These Surfactants are excellent oil / water soluble detergents, emulsifiers / co-emulsifiers, wetting / cleaning and dispersing agents and intermediates for sulphation. They find application in the textile, detergent, agrochemical, emulsion polymerisation and paint industries.

The company's product range includes:

- Nonyl phenol ethoxylates (4 to 50 moles)
- Octyl phenol ethoxylates (10 to 20 moles)
- Styrenated phenol ethoxylates (15, 20 moles)
- Card phenol ethoxylates (5 to 30 moles)

The company also offers customers the option of specific moles and products.

# FATTY ACID ETHOXYLATES



We are manufactures fatty acid ethoxylates which find application in textile formulation and the manufacture of spin finishes.

The Products in this segment are:

- Oleic Acid ethoxylates (2 to 15 Moles )
- Stearic Acid ethoxylates (8 to 70 Moles )
- Coconut fatty acid ethoxylates (5,10,12 Moles)
- Lauric/Palmitic/Myristic acid ethoxylates

The company also offers customers the benefit of tailor-made moles and products that meet specific requirements.

# FATTY ACID ETHOXYLATES



We are a leading manufacturer of many products in the fatty amine ethoxylate category. Amine ethoxylates find application as dye levelling and wetting agents in textile formulations and detergents.

- Stearyl Amine Ethoxylates (10 to 30 Moles)
- Tallow Amine and Tallow Diamine Ethoxylates (3 to 20 Moles)
- Coco Amine Ethoxylates (10 to 30 Moles)
- Oleyl Amine Ethoxylates (15 to 30 Moles)
- Ethylene Diamine-4 EO Moles

# FATTY ALCOHOL ETHOXYLATES



Surfactant manufactures in India a number of fatty alcohol ethoxylates, which are used in applications such as cleaning and scouring agents, shampoos and detergents, and as emulsifiers in the textile and personal care & home care industries. These also find use as emulsifiers in pharmaceutical and cosmetic applications such as ointments and creams.

## **The products in this segment are:**

- Tridecyl alcohol ethoxylates (3 to 30 moles )
- Lauryl alcohol ethoxylates (1 to 40 moles )
- Ceto stearyl alcohol ethoxylates (5 to 80 moles)
- Oleyl Cetyl Alcohol ethoxylates (2 to 60 Moles)
- Oleyl Alcohol ethoxylates ( 5 to 60 Moles )
- Decyl Alcohol ethoxylates ( 3 to 10 Moles)
- Behnyl Alcohol ethoxylates ( 5 to 40 Moles )
- Stearyl Alcohol ethoxylates ( 2 to15 Moles )
- 2-Ethyl Hexanol ethoxylates (2 to 6 Moles)
- Glycerine ethoxylates ( 3 to 23 Moles )

The company also offers customers specially customized products.

# CASTOR / NATURAL OIL ETHOXYLATES



Surfactant manufactures in India has different oil ethoxylates, these surfactants have wide range of application mainly as emulsifiers for agricultural, textile, leather, paints, and other miscellaneous formulations.

**The products in this range are:**

- Castor Oil ethoxylates (5 to 100 Moles)
- Hydrogenated Castor Oil ethoxylates (10 to 100 Moles)
- Soya Oil ethoxylates (3 to 10 Moles)
- Groundnut oil Ethoxylates

The company offers customers the flexibility of creating specific moles to meet individual requirements.

# POLYSORBATE



Surfactant manufactures in India is TWN ethoxylates (Polysorbate) with high purity, low colour and odour.

**The products under this segment are:**

- Sorbitan Mono Laurate 20 Mole EO
- Sorbitan Mono Palmitate 20 Mole EO
- Sorbitan Mono Stearate 20 Mole EO
- Sorbitan Tri Stearate 20 Mole EO
- Sorbitan Mono Oleate 20 Mole EO
- Sorbitan Tri Oleate 20 Mole EO

Specific moles of products as per customer requirements can also be produced.



# AMIDES



Surfactant manufacturer in India offers a wide range of amide products based on Mono ethanol amine, Diethanolamine, Dimethyl amino propylamine and ethylene diamine and various fatty acids.

Such amides are widely used as foaming agents and non-ionic surfactants in shampoos, bathing products and as thickeners, emulsifying agents in cosmetics. Certain amides also serve as antistatic agents in hair conditioners.

## **The products under this segment are:**

- Coco Monoethanolamide (CMEA)
- Coco Monoethanolamide - 3EO/5EO moles
- Coco Diethanolamide (CDEA)
- Coco Betaine

Tailor-made customer-specific products can also be offered.

# ESTER



Esters are chemical compounds formed by condensation of a carboxylic acid and an alcohol. Esters have a wide variety of applications in cosmetics, foods, metal-work, mechanical oils etc.

Pat Impex has facilities to manufacture a wide range of ESTER products as per required specifications. A list of products we offer in this range are:

- Glycol Esters
- Glyceryl Esters
- Sorbitan Esters
- Fatty Acid Esters
- Polyethylene Glycol (Peg) Esters
- Phosphate Esters

# ANIONIC SURFACTANT



## **Sulfosuccinates**

Sulfosuccinates are mild anionic surfactants. They are similar to alkyl sulfonates, but are based on maleic anhydride. Sulfosuccinates are salts of sodium of either monoester or diester of sulfosuccinic acid. Sulfosuccinates are widely used for their excellent properties such as foaming, strong wetting, emulsifying and solubilising, extraordinary surface activity, high effectiveness in reducing surface tension, biodegradability, great mildness and low critical micelle concentration (CMC). Sulfosuccinates are widely used in personal cleansing products, textiles, polymers, paints and coatings, leather, printing and agriculture.

## **Sulphates & Sulphonates**

Sulfated fatty alcohols have excellent emulsifying, wetting, dispersing and foaming properties. They also have high electrolyte tolerance. Alkyl ether sulphated (ethoxylates) also show improved water solubility and resistance to hardness. These products are widely used in emulsion polymerization, cosmetic formulations, detergents and textile industry. We offer a variety of sulphates based on natural and synthetic alcohols and ethoxylates.

# SURFACTANT - ETHOXYLATES USES



## **Performance & Speciality Chemicals**

PAT IMPEX Surfactant manufactures in India performance chemicals that cater a wide range of industries. Each product is designed to meet application standard set by the customer & follows strict quality and purity norms. Highly experienced & competent team of scientists in our R & D center are dedicated to create products that consistently meet performance standards.

PAT IMPEX 's vast range of speciality chemicals cater to many industry segments such as:

### **Textile**

For the textile industry, PAT IMPEX offers a complete range of products for the wet processing of textiles. The products are available for every stage of processing, right from the desizing stage to the finishing stage. This includes emulsifiers, wetting agents, dispersing agents, levelling agents and lubricating agents.

The low-foaming mercerizing agents, unique blends of cationic and non-ionic softeners and range of dye levelling agents ensure improved fastness of dyed fabrics. The company also produces spin finish oil for the polyester industry.

### **Agrochemicals**

PAT IMPEX Surfactant manufactures in India is highly stable and free-flowing broad-spectrum emulsifiers and wetting and dispersing agents for wetttable powders and suspension concentrates, and a range of eco-friendly surfactants for new-generation formulations. The company also offers a unique blend of surfactants series of products, designed for application in the insecticides, fungicides and herbicides industries.

### **Paper**

PAT IMPEX Surfactant manufactures in India has a wide range of surfactants, defoamers and strength additives for application in the pulp and paper industry. Pre-treatment chemicals, de-inking aids, bleaching aids are manufactured by us.

### **Paints & Coatings**

PAT IMPEX's comprehensive range of products for the paint industry include De-foamers, dispersing agents, emulsifiers for emulsion polymerization, anti-setting agents, new-generation low foaming emulsifiers, APEO-free emulsifiers and de-emulsifiers provides excellent emulsifying and wetting properties. Our emulsifiers achieve fine dispersion of polymers and the desired consistency in emulsion polymerisation.

### **Personal Care, Home Care & Detergents**

In the personal care segment, PAT IMPEX offers Emulsifiers, pearling agents, thickeners, dispersants, emollients, foaming agents, foam boosters, wetting agents, stabilizers, conditioners, viscosity controlling agents, etc. For Home Care segment we offer Eco-friendly detergents, acid thickeners, emollients, dispersing agents, emulsion stabilizers.

PAT IMPEX offers cost-effective blends of chemicals that ensure a synergistic effect and enhanced performance of detergents when used in combination with anionics such as LABSA.

These find use in liquid and powder detergents and detergent cakes. These products are eco-friendly and assure improved fabric care, skin care and higher hard water tolerance.

### **Miscellaneous Industry**

PAT IMPEX Surfactant manufactures in India has a wide variety of surfactants for different applications in Rubber, metal-treatment, pharmaceuticals, leather, cement, construction, explosives, inks, packaging, automotive and many other industries. These vary from Wetting agents, emollients, diluents, solvents, pharma intermediates, excipients to Dispersing agents, low foaming emulsifiers, anionic emulsifiers, metal complexing agents and many other highly specialized products offered.

# WE ARE APPROVED WITH



# PACKING



## Our packing sizes

25/50/200 kgs hdpe drums / bags  
Tanker Load for liquid chemicals

# Contact Us

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## PAT IMPEX, INDIA

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### **Services :**

- Contract manufacturing
- R & D
- Product development
- Export Consultancy for Pharmaceuticals

