



**MOHINI ORGANICS PVT. LTD.**

Manufacturers of Specialty Chemicals



**INK & PAINT INDUSTRY**

Mohini Organics is a manufacturer of various types of Surfactants, Emulsifiers and Esters for wide applications including Inks and Paint Industry.

The range of Specialty Organic Surfactants are used in the Inks, Printing Inks and Paint Industry for getting the performance enhanced and to get maximum out of the product.

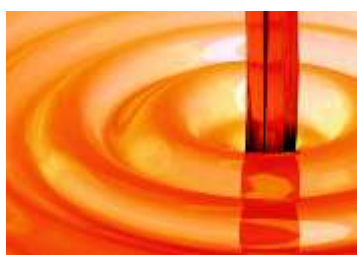
**The products offered are as follows:**

- **Wetting and Dispersing Aids**
- **Emulsifiers and Stabilizers**
- **Solubilisers**
- **Defoamers**
- **Waxes**



**Wetting and Dispersing Aids**

Wetting and Dispersing agents are key components for manufacturing of Inks and Paints, where a number of Inorganic and Organic compounds are involved along with various Oils/ Solvents and even universal solvent water.



The role of dispersing agent is to avoid the flocculation of the pigments and Inorganic materials in the solvents / oil medium and allow these products to evenly disperse in the medium to improve the applicability of the finished product. Similarly wetting agents allow the replacement of air and water by the resin and does not allow the agglomeration to take place. This helps the inorganic material to disperse properly in the liquid medium.

Product	Description	Physical	Application
Moxilub <sup>®</sup> – T40	Fatty Acid Ester	Liquid	Non-Ionic, Non foaming Surface wetting agent. Emulsifier with excellent colour and storage stability
Moneplus <sup>®</sup> – BS	Butyl Stearate	Liquid	Dispersion aid for Metallic Inks
Moneplus <sup>®</sup> – BO	Butyl Oleate	Liquid	Dispersion aid for Carbon Black in Newspaper Inks
Moneyyl <sup>®</sup> – 0100	Glycerol Oleate	Liquid to Semi Solid	Pigment Dispersion and Wetting aid and improves Flow properties of paste Inks
Monebat <sup>®</sup> – R ...	Ethoxylated Castor Oil	Liquid	General Purpose Dispersing and wetting aids recommended as replacing the Nonyl Phenol Ethoxylates for APEO free products
Monebat <sup>®</sup> – T ...	Ethoxylated Tridecyl Alcohol	Liquid	General Purpose Dispersing and wetting aids recommended as replacing the Nonyl Phenol Ethoxylates for APEO free products

## Emulsifiers and Stabilizers

The Emulsifiers and Stabilisers help in keeping a stable dispersion without any separations in the applications of Inks and Paints. They help to improve the flow of Ink and functions as Water in Oil or Oil in Water emulsifiers.

Product	Description	Physical Form at 25°C	Application
Monegyl® – 0100	Glyceryl Ester	Liquid to Semi Solid	Emulsifiers in Lithographic Inks
Monemul® Series	Sorbitan Esters	Liquid	Low HLB products, Emulsifiers in duplicating Inks, Lithographic Flexographic and Gravure Inks. Also used in combination of Monebat's
Monebat® Series	Ethoxylated Sorbitan Esters	Liquid to Semi Solid	High HLB products, Used as emulsifiers and stabilisers for water based screen Inks and used in combination of Monemul's
Monebat®- R005	Ethoxylated Castor Oil	Liquid	Emulsifiers for Duplicating Ink
Monebat®- R010	Ethoxylated Castor Oil	Liquid	Used in Plastisol Inks for the Textile applications

## Solubilisers

Solubilisers are used as carrier systems for Oil soluble dyestuffs. These are chemically Fatty acid esters.

Product	Description	Physical Form at 25°C	Application
Moneplus® – 316	Isopropyl Palmitate	Liquid	Carrier System for Coloured Dyes for all Inks
Moneplus® – 312	Isopropyl Laurate	Liquid	Carrier System for Coloured Dyes for all Inks
Moneplus® – 807	Proprietary Product	Liquid	Coalescing Agent
Moneplus® – 816	Octyl Palmitate	Liquid	Carrier System for Coloured Dyes for all Inks
Monecol® – 1818	Cetostearyl Octanoate	Liquid	Carrier System for Coloured Dyes for all Inks



## Defoamers

Defoamers are the products which are used in the application of Inks or Paints to prevent foaming due to the usage of the surfactants and other products. They are Non Silicone and Silicone based products.

Product	Description	Physical Form at 25°C	Application
Moneoth <sup>®</sup> – NXZ	Non Silicone	Liquid	Printing Inks, Paint Emulsions & Adhesive
Moneoth <sup>®</sup> – NDW	Non Silicone	Liquid	Coating Systems & Paper Board formulations
Moneoth <sup>®</sup> – NF07	Non Silicone	Liquid	Waterborne Coatings and Traffic Paint
Moneoth <sup>®</sup> – TF148	Silicone Based	Liquid	Strong Defoaming, Universal Application

## Waxes

Waxes are used in the Inks and Paints emulsions to get the Thixotropic properties. They also work as Antiblock and Slip additives.

Product	Description	Physical Form at 25°C	Application
Monemide <sup>®</sup> - E110	Proprietary	Solid	Antiblock and Slip Additive for Inks and Paints
Monemide <sup>®</sup> - EBS	Ethylene Bis Stearamide	Solid	Antiblock Additive



‘We Grow by Quality’

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An ISO 9001:2008 Certified Company  
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