

DUFAX JX45

The Solution for High-Quality
SB and NB Latex Polymerization



DuFAX JX45 is a diphenyl oxide disulfonate anionic surfactant that provides excellent solubility and stability in any system, whether acidic or alkaline. It is used in latex and rubber emulsion polymerization. It is manufactured by a sulfonation process using JMC's exclusive liquid SO₃ capabilities. As an excellent wetting agent, emulsifier, coupling agent and stabilizer, it is also used as a leveling agent in the acid dyeing of nylon.

Optimise your latex production with DuFAX JX45!

Elevate your styrene-butadiene (SB) and nitrile-butadiene (NB) latex production with DuFAX JX45, the innovative emulsification and wetting agent designed to unlock superior results.

Flawless Emulsion Stability

- **Effortless Mixing:** Achieve seamless mixing of monomers, additives and water in your SB and NB latex formulations.
- **Unwavering Stability:** Experience exceptional emulsion stability throughout the polymerization process, preventing inconsistencies and ensuring flawless latex production.

Optimized Wetting Efficiency

- **Thorough Wetting:** DuFAX JX45 promotes thorough wetting of all components, leading to smooth and controlled SB and NB latex polymerization reactions.
- **Uniform Dispersion:** Achieve unmatched dispersion of monomers and additives, resulting in an homogenous and high-quality latex product.

Experience the DuFAX JX45 Advantage

- **Streamlined Processes:** DuFAX JX45 optimizes your SB and NB latex production by facilitating efficient mixing and promoting stable emulsions, minimizing waste and production delays.
- **Enhanced Product Properties:** Achieve superior consistency, adhesion, elasticity and other desired properties in your final SB and NB latex products.
- **Reliable Performance:** Count on consistent performance batch after batch, thanks to JMC's commitment to quality and innovation.

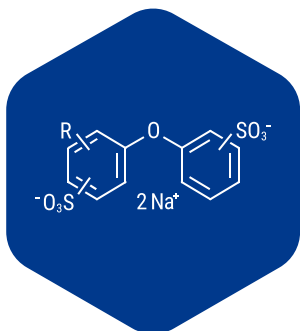
DuFAX JX45: The Perfect Fit for SB & NB Latex Production

- **SB Latex:** Achieve exceptional quality and stability in your SB latex for superior performance in paints, coatings, adhesives and more.
- **NB Latex:** Formulate high-performing NB latex with optimal oil resistance and mechanical strength, ideal for gloves, footwear and industrial applications.

Unleash the Potential of Your Latex Production

DuFAX JX 45 Technical Details

DuFAX JX45 is a clear, amber colored, 45% active aqueous solution of Alkyldiphenyloxide Disulfonate



- CAS#: 119345-04-9
- **Applications:** Latex Emulsification, Agricultural Chemicals, Cleaners, Textiles, Pulp and paper, Oilfields

Typical properties

- **Applications:** Clear Yellow to Amber liquid
- **Active wt%:** 45.0~47.0
- **pH (of solution with 5% active component):** 7.0 ~ 9.0
- **Density at 25°C, g/ml:** 1.10~1.20
- **Flash Pt. ASTM D93:** None

Storage

Keep containers closed when not in use. Avoid overheating or freezing. Store material at temperatures between 5°C to 35 °C. DuFAX JX45 may freeze at -3°C. If material is frozen, use mild heat and agitation to ensure the material is homogenous before use.

Contact Us

Upgrade your SB and NB latex production today! Contact JMC to learn more about how DuFAX JX45 can revolutionize your formulations and unlock peak performance.

To place an order, please contact our sales team at www.jmcfinechem.com. Join the many satisfied customers who have already discovered the advantages of using DuFAX JX45 in their applications.



JMC

JMC (originally the Jeil Moolsan Company) was established in 1953 and is a world leader in the field of saccharin and sulfur-based fine chemicals. JMC became part of the KISCO group in 2004. JMC is a large-scale manufacturer of saccharin, a safe, artificial sweetener that enables a drastic reduction in sugar content. JMC supplies saccharin to the world's largest quality-oriented multinational food and medicine producers. JMC produces saccharin using the traditional Remsen and Fahlberg Process which was discovered in 1879. JMC is the only company that produces all of the high purity raw-materials for Saccharin such as OTSA (ortho-Toluenesulfonamide) on its own production lines. No organic solvents are used during the production process of Saccharin and JMC's complete, vertical integration ensures the highest purity materials which delivers the highest quality saccharin available. JMC's saccharin meets the food safety standard, FSSC 22000. JMC also produces fine chemicals for applications such as florescent pigments, pharmaceutical intermediates, electronics, plastics and agricultural products.

JMC has applied its existing expertise and developed the ability to mass-produce next-generation nanomaterial products such as graphene oxide. JMC is continuously working to become a world-leading company by understanding the needs of its customers.

Based in **Korea**, our business is **global**. JMC – creating sweetness and pure chemistry.



JMC

CREATING SWEETNESS AND PURE CHEMISTRY

part of the  **KISCO** group
CREATING COLORS AND CHEMICAL SOLUTIONS