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SOLVENT FROM AGROSINTEZ

The company is launching an updated product for the paint and coatings industry.

Kemerovo-based Agrosintez is one of the largest companies in eastern Russia producing industrial chemicals, mineral fertilisers and soils. The company is building a new business: the production of hydrocarbon resins. In 2019, as part of these efforts, it signed a long-term contract with SIBUR for the supply of aromatics mixtures. Today Agrosintez, using a new treatment technology, is also receiving high-quality solvent and is introducing it into new markets.

Initially, petroleum solvent has a rather sharp aroma and quite a high optical density due to the presence of oligomeric impurities. Own research laboratory, as well as a resin extraction column launched in 2021, allow Agrosintez specialists to produce a higher-quality petroleum solvent.

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This product is suitable as a solvent in the paint and coatings industry; thus the company has already expanded the geography of its supplies: it now includes Kraski Optom in Kazan, Tricolor and Kontur in Novosibirsk and ChLZ Fest Pro in Chelyabinsk, as well as customers in CIS countries. To supplement hydrocarbon resin supplies, a batch of solvent was shipped to the largest paint and coatings factories in Kazakhstan, and the first shipment of the new quality solvent to Uzbekistan is planned shortly.

In 2021, Agrosintez plans to launch a pilot plant which will enable deeper conversion of aromatics and the separation of toluene and xylene fractions.

“The key focus area of our solvent research is the production of chemically pure toluene and xylene using membrane technologies,” said Nikolay Donskikh, CEO of Agrosintez. “As for hydrocarbon resin, we are aiming to give it special consumer properties, in particular UV resistance and heat resistance, through the introduction of metals into the polymer chain.”

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