

**FIRST SHIPS OF 7,000 LITRES TO JAMBI
GREEN SURFACTANT PETROKIMIA GRESIK BECOME A TARGET OF OIL AND GAS
INDUSTRY**

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Event : First Selling of Green Surfactant 7,000 litre for the KSO Pertamina EP-Samudra Energy BWP in Sarolangun, Jambi Province.

Petrokimia Gresik is an Agroindustry Solutions company and a member of [Pupuk Indonesia](#) holding company, has made the first sale of 7,000 litre of Green Surfactant to KSO Pertamina EP-Samudra Energy BWP Meruap in Sarolangun, Jambi Province, Tuesday (4/5).

President Director of Petrokimia Gresik, Dwi Satriyo Annurogo explained that the Green Surfactant produced by Petrokimia Gresik which in collaboration with the Surfactant and Bioenergy Research Center (SBRC) Bogor Agricultural University (IPB) is the only domestic surfactant product.

Surfactants are molecules that have hydrophilic (like water) and lipophilic (like oil/fat) groups so that they can combine a mixture consisting of water and oil. Apart from being used in the pharmaceutical sector and cleaning industry such as detergents, surfactants are also used for petroleum exploration purposes using the Improved Oil Recovery (IOR) and Enhanced Oil Recovery (EOR) methods

"Green Surfactant is an important breakthrough that can support the country's oil and gas industry to make it more efficient and environmentally friendly," said Dwi Satriyo.

Technically, the surfactants will be injected into the earth. The petroleum that is still stuck to the rocks will be released and it is easier to extract it with a pump. So that this surfactant is able to increase the productivity of petroleum wells, and can even extract crude oil from fields or old oil wells that are no longer producing.

"One day, the productivity of oil drilling will decrease, even though there are still a lot of reserves in the well. This happens because the oil sticks to the rocks or something. By using the Green Surfactant, there will be billions of barrels of oil that were initially left behind because they are difficult to suction and can now be optimized," he said.

Green Surfactant will replace the use of surfactants hydrocarbon based that are commonly used by the oil and gas industry in Indonesia. Where the surfactant hydrocarbon based must be imported from abroad at a more expensive and fluctuating price because it is influenced by the world price of Crude Oil.

"Therefore, Green Surfactant has a large market potential considering its price is more competitive and more environmentally friendly. On the other hand, there are also a lot of oil and gas wells in Indonesia," said Dwi Satriyo,

Meanwhile, in terms of marketing, Petrokimia Gresik received marketing and technical assistance from the Indonesian Oil and Gas Community. After it's shipped to the KSO Pertamina EP-Samudra Energy BWP Meruap, then Petrokimia Gresik will ship 3,500 litre of Green Surfactant to the Kawengan Cepu well, Central Java Province.

"This is proof that the Green Surfactant produced by Petrokimia Gresik is very attractive to the oil and gas industry in the country," he said.

Currently, the production capacity of Green Surfactant of Petrokimia Gresik reaches 600 kilolitre (kL) per year. Seeing the market potential that is still wide open, Dwi Satriyo hopes that in the future Green Surfactant production can be increased no longer just a mini plant, but on a larger scale.

Finally, Dwi Satriyo stated that the presence of the Green Surfactant product was also a form of Petrokimia Gresik's support for the crude oil production target of 1 million barrels per day which was announced by the government through Special Task Force For Upstream Oil and Gas Industry.

"Apart from that, this cooperation is also a form of joint role in building national independence and in order to reduce dependence on imports of raw and auxiliary materials, one of which is Surfactants," said Dwi Satriyo.

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