



 SUMITOMO CHEMICAL

Olyset[®] Net

Sumitomo Chemical is proud to deliver leading-edge Japanese technology to Africa.

Protect your family against malaria

What is Malaria?

Malaria is a life-threatening disease caused by parasites that are transmitted to people through the bites of infected mosquitoes. As one of the major public



health challenges contributing to poverty in Africa, malaria causes more than 300 million acute illnesses and at least 1 million deaths annually. Children are especially vulnerable to malaria, and more than 90% of deaths occur in sub-Saharan Africa.



What is Olyset Net?

The Olyset difference:

Sumitomo Chemical's award-winning Olyset Net is a proven, effective tool in the fight against malaria. Because malaria-transmitting *Anopheles* mosquitoes usually bite at night, transmission is greatly reduced by the use of long-lasting insecticidal bednets like Olyset Net. The World Health Organization (WHO) now recommends that every person in sub-Saharan Africa sleeps under a long-lasting bednet to break the cycle of malaria transmission. Olyset Net is fully recommended by WHO, confirming efficacy and durability.

Olyset Net is also tough and wash-proof. Using Japanese technology, insecticide is incorporated into Olyset's polyethylene fibres during manufacture. Unlike polyester alternatives, Olyset Net is guaranteed to be effective for five years and never needs to be re-treated with insecticide. Olyset Net is the most cost-effective way to protect your family against malaria.

Sumitomo Chemical is committed to building a long-term, sustainable business in vector control, both for economic development in Africa, and because of the recognized impact of Olyset Net on malaria, a major public health challenge of our time.



African Made, With Japanese Technology

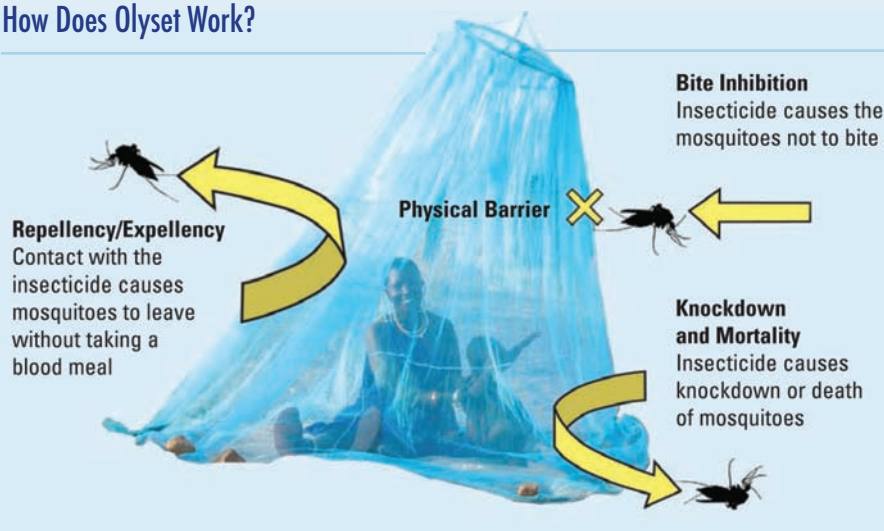
Olyset Net is a crucial tool in the fight against malaria – and the only WHO-recommended long-lasting bednet manufactured in Africa, where a child dies from malaria every 30 seconds.



Manufacturing Process

The Olyset Net production process begins with a master batch of granules containing permethrin (1). This technology, by which the insecticide is included in the polyethylene, is the secret that makes Olyset unique. Proprietary ingredients are included that control the rate at which permethrin is released, to ensure replenishment and maintenance of a biologically effective surface dose for at least five years. The master batch is then melted and extruded into fibres (2, 3) which are subsequently knitted into rolls of net (4). These are then cut and sewn into the final product (5). Finally, they are checked for quality assurance (6). Japanese Quality Assurance procedures are applied throughout the entire process.

How Does Olyset Work?



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