

News Release

LANXESS Helps Control Insect-Borne Diseases

Saltidin product protects against deadly diseases from mosquitoes, flies and ticks; recommended by World Health Organization

Saltidin's efficacy to provide up to 14 hours of protection a major differentiator from similar products

Singapore – Saltigo, a subsidiary of the LANXESS specialty chemicals company, is helping to provide effective protection against insect stings and bites from mosquitoes, flies, ticks and others. Its proven active ingredient for insect repellents, Saltidin, thus plays an important role in helping to control dangerous diseases, such as malaria, dengue hemorrhagic fever, yellow fever, west-nile virus, borreliosis (Lyme disease) and tick-borne encephalitis.

Specifically, Saltidin has been recommended by the World Health Organization (WHO) as a substance of choice against mosquito bites transmitting malaria.

Insect repellents containing Saltidin are available in most of the countries in different forms and concentrations (5-25%): sprays, lotions, wipes or sticks which are sold, for example, in supermarkets, pharmacies, and drugstores. Depending upon the dosage level, the active formula provides between 3 to 5 hours (10% formula) and up to 14 hours (20% formula) of protection. Saltidin's efficacy to provide up to 14 hours of protection is a major differentiator from similar products.

According to the WHO, dengue haemorrhagic fever affects most Asian countries and has become a leading cause of hospitalization and death among children in the region. Malaria claims almost one million lives per year and afflicts as many as half a billion people in 109 countries in Africa, Asia and Latin America. A child dies from malaria every 30 second.

Alvin Gan, LANXESS's Regional Manager for Basic and Fine Chemicals, ASEAN region, said, "Consumers in Asia are becoming more health conscious and discerning. They are increasingly opting for products which are not only effective but proven to be safe. Saltidin fulfills these requirements."

Saltidin is successfully registered in over 40 countries. This covers important markets, such as the USA, Europe and Asia Pacific.

Saltidin – in chemical terms 1-(1-methylpropoxycarbonyl)-2-(2-hydroxyethyl)piperidine, or icaridin – does not poison insects; it repels them by acting effectively on their sense of smell in a way which does not bother users.

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The toxicological profile of Saltidin has been extensively evaluated following a program of protocols developed in close cooperation with the US Environmental Protection Agency (EPA). In order to generate the most reliable and consumer relevant data, all studies involved application of Saltidin-containing products to the skin and measured dermal exposure. No adverse outcomes were identified in any studies in the program. It is concluded that Saltidin

- is safe when used as indicated
- is extremely gentle to the skin and not sticky
- has no irritating or sensitizing potential
- has a minimal rate of absorption
- is suitable for children aged 2 and over

The cosmetic properties of Saltidin have also been tested. The results were remarkable: the formulations are not sticky, and have a pleasant feeling, being at the same time safe to use on the skin, as long as the instructions for use are followed.

The effect of Saltidin on various materials, like plastics, synthetics, plastic coatings and sealing compounds has been tested, as well. It was found that Saltidin - in contrary to other insect repellents - has no adverse impact on these materials.

Saltidin is approved by the US EPA and by countries, such as Sweden, Norway and Denmark, which apply very stringent criteria with respect to environmental and consumer protection.

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LANXESS is a leader in specialty chemicals with sales in 2008 of EUR 6.58 billion and currently around 14,800 employees in 21 countries. The company has operations at 44 sites worldwide. LANXESS's core business comprises the development, manufacture and marketing of plastics, rubber, intermediates and specialty chemicals.

Forward-Looking Statements

This news release may contain forward-looking statements based on current assumptions and forecasts made by LANXESS AG management. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.

Information for editors:

Information on chemical products from LANXESS can also be found in our Web Magazine at <http://webmagazin.lanxess.de>.

All LANXESS news releases and accompanying photo, video and audio material can be found at <http://press.lanxess.com>.