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Chapter 9

A PROSPECTUS OF MICROBIAL METABOLITES AS INGREDIENTS IN COMMERCIAL SUNSCREENS

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ABSTRACT

Ultraviolet (UV) radiation is responsible for different skin diseases and allergic reactions. Synthetic sunscreens are widely used to protect the skin in the intense UV environments. Different synthetic molecules are being used as active ingredients in the commercial sunscreens, however, few of them are reported to cause toxicity to humans and ecosystems. Regulatory bodies like USFDA and European Commission have issued a guideline for the safe use of active chemical ingredients in the commercial sunscreens. Therefore, there is an increasing interest in the screening of safe and efficacious natural

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