

Avobenzone

Title of Product/Process/Design/ Equipment	AVOBENZONE
IPR Status Patent / Copyright / Trademark Secured in India / Abroad IPR Details	Off-Patent
Application/Uses	Sunscreen product; Used in Skin-lotions
Salient Technical Features including Competing Features	Strong absorption of Ultraviolet A (320-400 nm, associated with long term skin damage) and Ultraviolet B (290-320 nm, causes sunburns). This light range is better than most other organic sunscreen technologies and marked as broad spectrum sunscreens
Level/Scale of Development	100 grams
Environmental Considerations	Benign
Status of Commercialization	Process Demonstrated
Major Raw Materials to be Utilized	4-Methoxyacetophenone, methyl 4-tert-butylbenzoate, NaNH ₂ , Toluene
Major Plant Equipment and Machinery Required	
Techno-Economics	Feasible
Technology Package	
Contact Details	Head BMA, CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad - 500007, India.
Photographs (please provide high quality photographs)	

For further information please contact

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