

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/11/2024

(21) Application No.202411085195 A

(43) Publication Date : 22/11/2024

(54) Title of the invention : MOUTH ULCER TREATMENT GEL FORMULATION AND RELATED METHODS

(51) International classification :A61P17/02, A61K9/06, A61K47/34, A61K47/32, A61K47/10, A61K47/12, A61K31/245, A61K31/167
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

ABSTRACT A mouth gel formulation is designed for the treatment of mouth ulcers, incorporating Carbopol 934P polymer, lignocaine hydrochloride, gallic acid, propylene glycol, and preservatives. The formulation aims to alleviate irritation from food materials and prevent severe conditions associated with mouth ulcers, such as carcinogenicity. The preparation method involves soaking Carbopol 934P in water, mixing with lignocaine hydrochloride and gallic acid in propylene glycol, and adding preservatives to form a drug mixture. The mixture is then combined with the Carbopol solution and adjusted to the desired pH with triethanolamine to achieve gel consistency.

No. of Pages : 14 No. of Claims : 10