

MultiSal® Retinol (MS RT)

Age-defying technology used to effectively treat wrinkles and brighten skin tone.

Retinol stability is a major challenge for formulators, as it is susceptible to oxidation, which ultimately reduces the potency and limits effectiveness. Moreover, potent retinol can cause irritation on consumers with sensitive skin.



UNIQUE FEATURES

1 EFFECTIVE FORM OF RETINOL

Encapsulation technology stabilizes retinol, resulting in a longer shelf life and an effective skin treatment system.

2 TIME RELEASE

The controlled release system delivers small dosages of retinol over a longer period of time, making it suitable for sensitive skin that can't tolerate high dosages at once.

3 FAST-ACTING RESULTS

A visual difference that can be seen in just several days (Figure 2).

HOW THE TECHNOLOGY HELPS YOU

MultiSal® technology is a doublelayered encapsulation of retinol. The retinol is first contained within sub-micron spheres, which are re-encapsulated within larger mircospheres (Figure 1). The microsphere ruptures when the lotion is rubbed into the skin, releasing the sub-micron spheres encapsulated inside of the core that contain retinol. The sub-micron spheres slowly release retinol over time.

VISIBLE RESULTS IN TWO WEEKS

MS RT reduces the appearance of fine lines in as little as two weeks. A study was done (n=5) with a lotion loaded with 0.2% retinol (Figure 2). After two weeks, there was a visual significant reduction of fine lines. Product Overview - 2149

Figure 1: The structure of MS RT with an outer microsphere shell and a core containing sub-micron spheres infused with retinol.

Core Retinol



MS RT raw

Shell





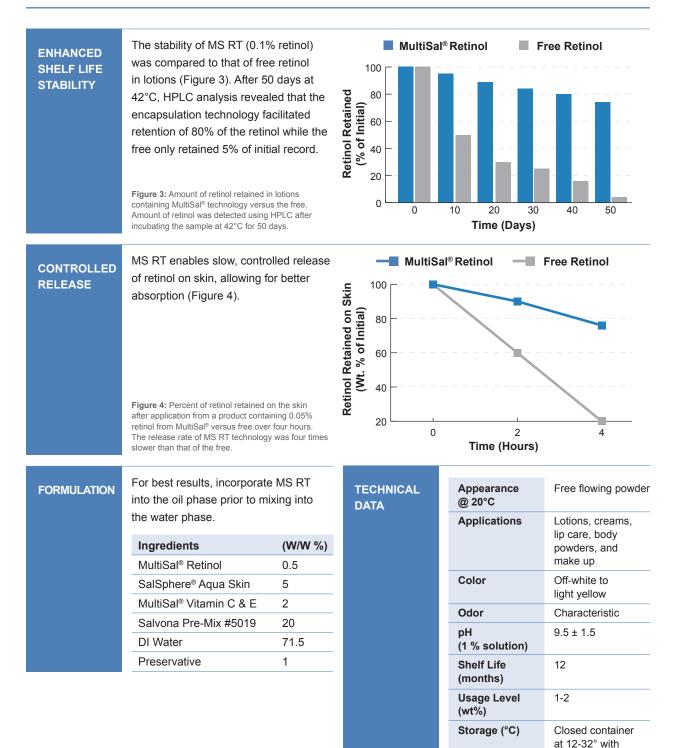
Figure 2: Before (A) and after (B) two weeks of daily use of a lotion containing MS RT loaded at 0.2% retinol.

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<45% RH