



326 Exchange Drive
Arlington, Texas 76011
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Technical Data Sheet SPI-5054

INCI: Cyclomethicone and Dimethiconol

Applications:

- Skin care
- Hair care
- Make-up
- Moisturizing creams and lotion
- Color cosmetics
- Antiperspirants and Deodorants.

Description:

SPI-5054 is a 100% active silicone polymer system. SPI-5054 is a blend of high molecular weight silicone gum in a low molecular weight silicone polymer. The product is used in conditioners and styling aids. SPI-5054 allows easy spreading and delivery of high molecular weight system.

Benefits and Features:

- Water repellent, non-occlusive film
- Improves spreadability and application aesthetics
- Imparts a Silky feel
- Film forming
- Cyclic free for easier international formulation

Benefits and Features:

- Appearance Thick Clear Liquid
- Viscosity(cSt.) 5500
- Non-Volatile % 14

Method of Use:

SPI-5054 can be incorporated directly into the oil phase of the final formulation. SPI-5054 can be used at any weight percent in a final formulation and will disperse easily in non- aqueous diluents with minor agitation.

Limitations:

This product is not intended for pharmaceutical use.



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Regulatory Status:

SPI-5054 is manufactured in compliance with the regulations of the U.S. Food and Drug Administration as cited in 21 CFR 173.340, **Permissible use levels for polydimethylsiloxane in food are defined by this FDA regulation.**

ISPI-5054 is approved for use in Canada under the following CFIA categories: Cleaners (Cleaners/Defoamers for washing fruits and vegetables, code C3) and Egg Treatment Compounds (Foam control compound, code LL3).

Safe Handling Information:

Read product and material safety data sheets before handling this product for physical and health hazard information.

Storage and Shelf Life:

This product is stable for 18 months from the original production date when stored in the original unopened container and below 40 °C.

Packaging Information:

This product is available for sale as 35 lb. pails and 441 lb. drums. and 2205 lb. totes.

Limited Warranty Information:

Although every effort has been made to ensure that the information contained within this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use.

Suggestions of uses should not be taken as inducements to infringe any particular existing patent.

Company Details:

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