

## Activated Dimethicone IP/ Simethicone IP

**Activated Dimethicone IP/ Simethicone IP** Mixture of polydimethyl siloxane fluid & silicone dioxide

Silicone antifoam for use in pharmaceuticals applications requiring foam suppression or inhibition.

### FEATURES

- Highly effective defoamer at low concentration.
- Tested according to and complies with Activated Dimethicone Indian pharmacopia.

### APPLICATIONS

**Activated Dimethicone IP / Simethicone IP** may be used as an antifoaming ingredient in antacid preparation, as a foam suppressant in pharmaceutical process such as mixing, percolation, fermentation, maceration & as an agent to improve the efficiency of ampoule & bottle filling when foaming is a problem.

### TYPICAL PROPERTIES

(REF-ACTIVATED DIMETHICONE IP 96/ADD.2000)

Activated Dimethicone / Simethicone as per IP	property	Value
Description	Translucent, grey, viscous liquid, almost odourless,	Complies
Solubility	As per IP	Complies
Identification A,B,C	IR identification	Complies
Acidity	Not more than 0.15 ml of 0.01M NaOH soln	< 0.15
Heavy metal	Heavy metal content	Not more than 10 ppm
Defoaming activity	Defoaming performance	<15 sec
Assay of Polydimethyl siloxane	By IR absorption	Not less than 90.0 % & not more than 99.0 %
Assay of silicone dioxide	BY IR absorption <sup>1</sup> Typical Values – Should not be considered as specifications.	Not less than 4.0 % & not more than 7.0 %

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## IMPORTANT INFORMATION

This formulation is qualification tested to requirements of Indian Pharmacopia (IP) It is the user's responsibility to ensure the safety & efficiency of this product for each specific end use pharmaceutical product, medical device or other application.

## PACKING

35 & 50 HDPE carboys & 200 kg drums

## SHELF LIFE & STORAGE

Some settling may occur during storage .therefore containers should be thoroughly mixed prior to use or testing. When stored in unopened containers at ambient temperatures this product has a usable life of 48 month from the date of manufacturing.

## HANDLING

Product safety information required for safe use is not included. Before handling, read product & safety data sheet & container labels for safe use, physical health hazards information.

### Information please read carefully

The information provided to the customers in this data sheet is intended as a guideline and is provided in good faith. The Information is believed to be accurate. Changes may occur from system to system as methods of use and conditions are beyond our control, hence **users are requested to evaluate the recommendations before actual application to get desired performance.**

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Internal References PS/Ref/03/04 DX30701