

### **Guide Formulation**

# Antiperspirant spray with AEROSIL® R 812 S

## AEROSIL®R 812 S stabilizes the bulk material and prevents clogging of the spray nozzle

PHASE	INGREDIENTS	INCI NAME	% w/w	FUNCTION
1		Cyclopenta- (and) cyclohexasiloxane	2.3	Emollient
	TEGOSOFT® APM	PPG-3 myristyl ether	2.0	Emollient
	TEGOSOFT® APS	PPG-11 stearyl ether	2.0	Emollient
		Parfum (fragrance)	0.2	Fragrance
2	AEROSIL® R 812 S	Silica silylate	0.5	Thickener/ stabilizer
3		Aluminum chlorohydrate	3.0	Active Ingredient
4		Isobutane	90.0	Propellant
		Total	100.0	

#### **PROCESSING**

- Place cyclopentasiloxane, TEGOSOFT® APM/APS and fragrance oil into a mixer
- AEROSIL® R 812 S and homogenize. Continue until complete dispersion is obtained
- Add aluminum chlorohydrate and homogenize

Note: All formulations have been subjected to stability tests and have been shown to perform well. However, formulators should always perform their own stability tests when adapting formulations and / or using raw materials from other sources.

**Guide Formulation** 

## Antiperspirant spray with AEROSIL® R 812 S

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

<sup>®</sup> = registered trademarks of Evonik Industries AG or one of its subsidiaries.

EUROPE / MIDDLE EAST / AFRICA / LATIN AMERICA

**Evonik Resource Efficiency GmbH** 

Business Line Silica Rodenbacher Chaussee 4 63457 Hanau Germany

Phone +49 6181 59-12532 Fax +49 6181 59-712532

ask-si@evonik.com www.evonik.com NORTH AMERICA

**Evonik Corporation** 

Business Line Silica 299 Jefferson Road Parsippany, NJ 07054-0677

Phone +1 800 233-8052 Fax +1 973 929-8502

ask-si-nafta@evonik.com ask-si-nafta@evonik.com **ASIA PACIFIC** 

Evonik (SEA) Pte. Ltd.

Business Line Silica
3 International Business Park
#07-18, Nordic European Centre
Singapore 609927

Phone +65 6809-6877 Fax +65 6809-6677 ask-si-asia@evonik.com

