

Specification prepared at
Croda Inc.
8 Croda Way
Mill Hall PA 17751
USA

Croda Mexico SA de CV
Hamburgo numero 213 Piso 10
Colonia Juarez Del. Cuauhtemoc
06600 Ciudad de México, CDM
Mexico

Date: 21.05.2018
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Your Fax: RFC UME98120277A

Product Name: SP INCROQUAT BEHENYL TMS MBAL-PA-(MH)
Product Code: HA41040/0025/4B2/8
Chemical Name: Cetearyl Alcohol and Behentrimonium Methosulfate
Specification: REVISED 12-AUG-2014

Period of validity of Certificate of Analysis for material stored in unopened containers and stored in cool dry conditions (unless otherwise specified): 730 days.

Analy. Test Method No.	Characteristic	Specification Limits		Units
		Lower	Upper	
AU020000	APPEARANCE (FORM) 25°C	PASTILLES		
AU320000	COLOR (1933 GARDNER)	0.0	1.0	Gardner
AU021000	ODOR	CHARACTERISTIC		
EU130100	ORIGINAL PH (1% AQUEOUS)	6.0	7.0	
EU130100	RETEST PH (1% AQUEOUS)	4.0	7.0	
EU180100	FREE AMINE (MW=378.3)	0.0	2.0	%
FU070200	MELTING POINT (SLIP)	55	65	°C
FU5100C0	% ACTIVES (MW=504.4)	24.0	26.0	%

Original pH specified is at time of manufacture. Methosulfate quats will exhibit some drift during storage but will not drift below 4.0. Retest pH is the value at the time of retest, if applicable.

FAILURE TO STORE AT LESS THAN 90°F (32.2°C) CAN CAUSE COAGULATION.

THIS PRODUCT IS OFFERED IN COMPLIANCE WITH THE ROUND TABLE FOR SUSTAINABLE PALM -
MASS BALANCE GUIDELINES AUTHORIZED UNDER CERTIFICATE NUMBER BMT-RSPO-000179.

Future deliveries will be tested to this specification and the results reported on Certificate of Analysis

If you agree to accept this specification please complete the following section and return to the person named below. If we do not receive a reply from you within 14 days we will take this to indicate you have accepted the specification.

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If you do not agree, please highlight the discrepancies above and complete the following section omitting your signature.

Name: _____

Position: _____

Company: _____

Signature: _____

Date: _____

Produced by :-

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