

ANTIPERSPIRANT STICK

FORMULA:	% By Weight
MAZER MASIL SF-V	46
Aluminum Chlorhydrate	26
Stearyl Alcohol	24
MAZER MAPEG 6000 DS	6
MAZER MACOL E-1000	2
MAZER MACOL E-1450	2

Procedure:

1. Heat the stearyl alcohol, MACOL E-1000, MACOL E-1450 and MAPEG 6000 DS to 80C.
2. When melted, add the aluminum chlorohydrate and mix thoroughly.
3. Cool to 70C, and rapidly mix in the MASIL SF-V.
4. When mixing is complete (15 to 30 seconds), pour mixture into a stick container.
5. Allow the mixture to cool undisturbed for 24 hours.

If an ultra fine grade of aluminum chlorohydrate is used, it may be necessary to change the order of mixing as follows:

1. Heat the MASIL SF-V to 65C.
2. Add the MACOL E-1000 and MACOL E-1450 to the hot MASIL SF-V with mixing.
3. Add the MAPEG 6000 DS and stearyl alcohol.
4. Add the aluminum chlorohydrate last.

SOURCE: Mazer Chemicals, Inc.: Cosmetic Formularies T-20D:
Formula 4

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RAW MATERIALS	% By Weight
WITCAMIDE 70	28.5
WITCONOL APM	15.0
Propylene Glycol	30.0
Rehydrol	20.0
Water, Perfume	q.s.

Dissolve Rehydrol in water and propylene glycol at 25 to 30C; with good agitation. Add WITCONOL APM and heat to 80C.

Add WITCAMIDE 70 at 80 to 95C and stir until solution is clear. Cool to 77C with moderate agitation and add perfume.

Package at 72 to 74C.

SOURCE: Witco: Surfactants for Cosmetics and Toiletries:
Formula 104A