

ANTIPERSPIRANT LOTION

RAW MATERIALS	Parts By Weight
WITCONOL MST (Glyceryl Stearate)	2.0
Cetareth 20	1.0
WITCONOL PPG-400 (PPG-9)	7.0
EMCOL E-607L (Lapyrium Chloride)	0.2
Chlorhydrol 50% Solution	40.0
Water	49.8
Perfume	q.s.

Dissolve EMCOL E-607L and WITCONOL PPG-400 in water, add Chlorhydrol 50% Solution and heat to 70 to 75C.

Add Cetareth 20 and WITCONOL MST; stir until completely melted and uniformly dispersed.

Maintain agitation while cooling to below 30C. Add fragrance and package.

SOURCE: Witco: Surfactants for Cosmetics and Toiletries:
Formula 105A

ANTIPERSPIRANT PUMP-SPRAY

RAW MATERIALS	Parts by Weight
WITCONOL APM (PPG-3 Myristyl Ether)	1.0
WITCONOL APS (PPG-11 Stearyl Ether)	3.0
SDA Alcohol	72.5
Silicone 344 Fluid	8.0
Carnation White Mineral Oil	0.5
Chlorhydrol 50% solution	15.0

Since all components are mutually compatible, simple cold blending is sufficient. WITCONOL APM, WITCONOL APS and Carnation White Mineral oil add emolliency to this formulation. WITCONOL APM and WITCONOL APS allow the coupling of mineral oil, which helps prevent valve clogging.

SOURCE: Witco: Surfactants for Cosmetics and Toiletries:
Formula 110A