AMERICAN TRIPOLI, INC.

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ALT-SI Medium-High Pressure Cut and Color Liquid Tripoli Formulation for Brass, Aluminum and Automotive Mirrors, Hubcaps and Bumpers

TEST METHODS

SAMPLE	ALT-SI		
MODEL	RVT		
SPINDLE	6		
R.P.M.	10		
DIAL READING	65,000	1 week later	1 month later
FACTOR	0		
VISCOSITY CPS	65,000	47,000	40,000
SHEAR RATE		12,000	
TEMPERATURE	74° F		
TIME	1 minute	1 minute	1 minute

INGREDIENTS	LOADING LEVELS
STEARIC ACID (B FLAKE)	4.0 TO 6.5%
PETROLATUM (GREASE)	1.0 TO 3.0%
HARD TALLOW RESIDUE (PITCH)	1.0 TO 3.0%
PALE OIL OR PROCESS OIL	1.0 TO 3.0%
DOUBLE GROUND TRIPOLI ROSE	40.0 TO 50.0%
ONCE GROUND TRIPOLI ROSE	COMBINED
TRITON X-100 (WETTING AGENT)	0.06 TO 0.50%
TRIETHANOLAMINE - 85%	0.75 TO 1.50%
WATER	35.0 TO 45.0%

INSTRUCTIONS

* ADD STEARIC ACID, PALE OIL, HARD TALLOW RESIDUE AND PETROLATUM IN MIXER.
* HEAT TO 160°F.
* TURN MIXER ON AND ADD HALF THE DOUBLE GROUND TRIPOLI ROSE.
* ADD 100 GALLONS OF HOT WATER AND THE TRITON X-100.
* BLEND IN THE ONCE GROUND TRIPOLI ROSE, THE BALANCE OF DOUBLE GROUND TRIPOLI ROSE AND THE HOT WATER (APPROXIMATELY 60 GALLONS OF TOTAL WATER).
* MAINTAIN TEMPERATURE AT 160° F AND MIX FOR 20 TO 30 MINUTES. MIXTURE SHOULD BE SMOOTH.
* MIX TRIETHANOLAMINE AND REMAINING BALANCE OF (COLD) WATER. WHILE MIXING, REDUCE HEAT AND COOL TO 130°F. PULL MIXTURE IN DRUMS AND LET COOL.

NOTE

ADD 5% DOWACIDE IN HOT WEATHER TO KEEP DOWN BACTERIA.

This data contains general information and describes typical properties only. It is offered for use by persons qualified to determine for themselves the suitability of our products for particular purposes. No guarantee is made or liability assumed, the application of this data and the products described herein being at the sole risk of the user.