

Catamine 101

Technical Data Sheet	
Description	Catamine 101 is a versatile, 100% active, amidoamine emulsifier useful for the cost-effective production of CQS and CSS slurry seal emulsions. Catamine 101 is one of the leading emulsifiers for this application and has been proven to give excellent mix, set, and cure characteristics on a wide variety of aggregates. Emulsions made with Catamine 101 tend to have a more rapid cure than emulsions made with competitive materials; this is particularly important when slurry seal is applied under conditions of low temperature and/or high humidity.
Typical Properties	Appearance @ 70°F: Soft Brown Paste Density, Pounds/Gallon @ 77°F: 8.1 Flash Point, (P.M.C.C): >300° F Viscosity 100°F: 350 cps
Features	N/A
Applications	Starting use level for laboratory evaluation is 1.5-2.0%, by weight of emulsion. Catamine 101 emulsifier solutions require an acid neutralization to a pH of 1.5-2.5 with HCl. Aluminum chloride or aluminum sulfate are suitable retarders for modifying mix characteristics in the field. ARR-MULS CM-88 can be used as a co-emulsifier with Catamine 101 in order to modify emulsion characteristics for especially difficult to emulsify asphalt cements. CM-88 can also assist in the production of climate responsive microsurfacing emulsions.
Packaging	Catamine 101 is available in bulk quantities (1000 - 5500 gal.) and in 55-gallon non-returnable drums (425 pounds net). It is available from our manufacturing location in Mulberry, Florida.
Storage and Handling	Refer to MSDS prior to handling this material. Avoid water contamination during handling and storing. For ease of pumping it is recommended to keep the product at 100° - 120°F.
TSCA Compliance	N/A

All suggestions and data are based on information and tests we believe to be reliable. Insofar as applications by prospective users may differ from those recommended, it is suggested the user conduct tests and determine the suitability of the product to his process. No warranty for the application of this product is expressed or implied.