

U.S. SALES SPECIFICATION

EQUISTAR

A Lyondell Company

Material Number: 5791
Product Name: TRIETHANOLAMINE 99

Test Description	Specification Limits		Unit of Measure	Test Method
	Minimum	Maximum		
Vehicle Type	Report			
Vehicle ID	Report			
Seal Number	Report			
Comments	Report			
Triethanolamine	99.0		weight %	BC_TEA99
Diethanolamine		0.500	weight %	BC_TEA99
Water		0.200	weight %	BCH2OAMI
Apparent Equivalent Weight	145.0	150.0	g/mol	
Color, APHA		50.0	APHA Color	

Issue or Revision Date: 04/01/2010 **Spec Version Number:** 9

Material Number: 5078 5079 5791 5793

This report has been generated from our business computing system and lists those properties our company evaluates in conducting batch selection decisions. This report may also contain typical properties and their expected values. This report may not cover your entire specification, which may include requirements for packaging, shipping, storage, delivery, etc.

The information in this bulletin is believed to be accurate and current as of the date of publication. It is the sole responsibility of the customer to determine whether the product is appropriate and suitable for the customer's specific use. Equistar Chemical Company and its affiliates and subsidiaries make no warranties, express or implied, regarding the product or any information contained herein.

The applicable Material Safety Data Sheet should be reviewed before handling the Equistar product. Equistar Chemical Company and its affiliates and subsidiaries disclaim any liability against infringement of any patent by reason of customer's use of any Equistar Chemical Company products in combination with other materials or in any process.

The information on this report is valid as of: 05/10/2010 M