

U.S. SALES SPECIFICATION



Material Number: 499013
Product Name: 1,4 Butanediol

Test Description	Specification Limits		Unit of Measure	Test Method
	Minimum	Maximum		
Restricted Stock?				
Current Quality Grade	Conforming to Specification			
Vehicle Type	Report			
Vehicle ID	Report			
Miscellaneous Text	Report			
Lot Number	Report			
Lot Number	Report			
1,4 Butanediol assay	99.75		weight %	ACX 820
Color, Pt-Co		10	APHA Color	ACX 050
Water		400	weight ppm	ACX 100
Carbonyl as CHO		100	ppm	ACX 260
Appearance	Pass			

Issue or Revision Date: 05/17/2008

Spec Version Number: 11

Material Number: 7060 7650 8716 8844 10446 11652 13120 499013 499014 499015

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. Lyondell 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 Lyondell product. Lyondell Chemical Company and its affiliates and subsidiaries disclaim any liability against infringement of any patent by reason of customer's use of any Lyondell Chemical Company products in combination with other materials or in any process.

The information on this report is valid as of: 09/09/2008 M