

Product Data Sheet

AXION[®] CA 1310 (MAO 10T)

Material No.:	Form supplied:	liquid
16072	CAS-No.:	120144-90-3 (for polymeric Methylaluminoxane)
	Molar Mass:	58.01 g/mol (structural unit)
	Empirical formula:	(CH ₃ AlO) _n (for polymeric Methylaluminoxane)

Methylaluminoxane as 10 wt-% solution in toluene

Appearance:	confirms to product description		
Specification:		Unit¹	Test Method
Total Al content	4.6 – 5.6	%m/m	TM.TECH.AL
Al as free and associated TMA	1.5 – 2.0	%m/m	TM.TECH.ACT
Methyl/Aluminum ratio	1.80 – 2.00	n/n	TM.TECH.GC
TMA content	report only	%m/m	TM.TECH.NR.H
MAO content	report only	%m/m	TM.TECH.NR.H

¹ % m/m = wt-%
% n/n = mole-%

Valid from:	2018-01-22	PDS-No.: 16072-1-01
Cancel edition dated:	2014-09-25	
Reason for issue:	LANXESS Design, change naming of TestMethods	Page 1 of 3

AXION[®] CA 1310 (MAO 10T)

Technical data*:

Appearance:	Colorless liquid at 20°C
Cloud Point:	- 20 °C
Density:	0.89 g/cm ³ at 20 °C
Viscosity:	0.8 mPa s at 20 °C

* Values defined on representative samples or taken from literature
Technical data provide further information about the product and are not subject to constant monitoring

Uses:

Sold as a transported isolated intermediate (TII) for use only under strictly controlled conditions (SCC) (according to Article 18 (4) REACH Regulation, [EC] No. 1907/2006).

Supply Form: AXION[®] CA 1310 is supplied as 10 wt-% solution in toluene.

Industrial Application: Catalyst component for olefin polymerization and oligomerization.

Valid from:	2018-01-22	PDS-No.: 16072-1-01
Cancel edition dated:	2014-09-25	
Reason for issue:	LANXESS Design, change naming of TestMethods	Page 2 of 3

Document is subject to change without notice.

LANXESS Organometallics GmbH
Business Unit Advanced Industrial Intermediates
D-59192 Bergkamen

AXION[®] CA 1310 (MAO 10T)

Standard packing and Storage:

Storage Stability: In addition to the general advice for storage of aluminum alkyls immediate consumption is recommended. The product should be kept at a maximum temperature of -5 °C in properly closed containers under protective gas and exclusion of moisture and oxygen. Below -5 °C the product is stable against formation of gels for at least six months.

Packaging: For safe transportation special containers of various capacities up to 20,000 l are available. All containers conform to the current valid international transport regulations (e.g. IMDG,..).

Shipping, toxicity and hazards:

Please note our EU safety data sheet for No. 16072

Labeling: Classification & labeling according to current GHS and DG legislation. For further information please refer to our respective safety data sheet.

Handling: Detailed instructions on handling are given on our website at www.chemtura-organometallics.com. In general, when handling the product, the local appropriate regulations have to be observed.

This information and our technical advice – whether verbal, in writing or by way of trials – is subject to change without notice and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

© 2018 LANXESS. AXION, LANXESS and the LANXESS Logo are trademarks of LANXESS Deutschland GmbH or its affiliates. All trademarks are registered in many countries in the world.

Valid from:	2018-01-22	PDS-No.:	16072-1-01
Cancel edition dated:	2014-09-25		
Reason for issue:	LANXESS Design, change naming of TestMethods		Page 3 of 3

Document is subject to change without notice.

LANXESS Organometallics GmbH
Business Unit Advanced Industrial Intermediates
D-59192 Bergkamen