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:	$(CH_3AlO)_n$ (for polymeric Methylaluminoxane)

Methylaluminumoxane as 10 wt-% solution in toluene

Appearance: confirms to product description

Specification:		**Unit**[1]	**Test Method**
Total Al content	4.6 – 5.6	%m/m	TM.TECH.AL
Al as free and assiciated 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-%

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Technical data*:

Appearance:	Colorless liquid at 20°C
Cloud Point:	- 20 °C
Density:	0.89 g/cm³ 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.

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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.

Document is subject to change without notice.

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