

TMG 216

TMG 216 is a liquid tin catalyst based on dioctyltin compounds. This raw material basis gives improved toxicological properties compared with dibutyltin-derived catalysts.

Main application for TMG 216 are:

- catalysis of polyurethane-reactions
- curing of silicone-resins
- transesterification and esterification reactions
- stabilizer for PVC

The dosage of TMG 216 is depending on the application, normally between 0.1-1%.

Chemical characteristics

Formula	$(C_8H_{17})_2Sn(OOCC_{11}H_{23})_2$
CAS No.	3648-18-8
Molecular weight	743.76
Tin content	$\geq 15.5\%$

Physical characteristics

State of aggregation	Liquid
Solubility	Soluble in organic solvents
Density (20°C)	1.01-1.03 g/cm ³
Refractive index (20°C)	1.470-1.474
Color (APHA)	≤ 200
Water content	≤ 0.4

Storage

TMG 216 can be stored at least one year if kept closed in the original packaging. Sensitive to frost.

Packaging

25kg/drum

Special advice for security

Information concerning:

- classification and labelling according to the regulations governing transport and hazardous chemicals
 - protective measures for storage and handling
 - safety measures in case of accident and fire
 - toxicity and ecological effects
- are given in our material safety data sheets.