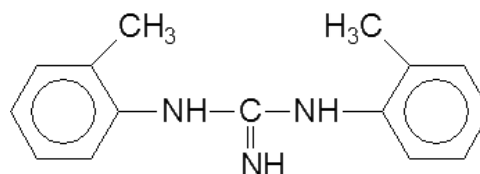


## DOTG (Guanidine Accelerator)

- **DIORTHOTOLYL GUANIDINE**
- **C<sub>15</sub>H<sub>17</sub>N<sub>3</sub>**
- **Molecular Weight: 239**
- **CAS: 97-39-2**
- **EINECS: 202-577-6**
- **REACH: 01-2119974274-31-0000**



PRODUCT	Purity* (%)	Melting point (°C) min*	Specific gravity*	Orthotoluidine content	Natural color	Oil (%)	Appearance	Remarks
<b>DOTG C</b>	96	175	1.1	<1000PPM	White to pink**	1-2	Minimum dusting material	Coloring, non-staining

**C: Coated powder**

\*Typical values / \*\* Depending on natural variation of DOTG

### PROPERTIES

Slow curing accelerator by itself but slightly faster than DPG. It is slightly less efficient than DPG as a secondary accelerator for thiazoles and sulfenamides in NR and SBR compounds. It acts as an activator for HDC in ACM rubber. A small amount of zinc oxide is recommended for a good vulcanization. It is a peptiser for sulfur modified CR. It is less staining than DPG. It disperses easily in rubber.

### APPLICATIONS

- Tires: white sidewalls.
- General rubber goods: thick moulded parts, footwear, under bonnet automotive hoses and seals, etc.
- It also finds application as an additive for ink pigments.

### PACKAGING & STORAGE

Paper bag weight: 20 kg net  
Standard CP1 pallet: 400 kg net

Shelf-life: **2 years** in its original packaging

Store in a dry and cool place and away from direct sources of heat or sunlight.

### SAFETY & TOXICITY

For detailed information, please refer to our Material Safety Data Sheet.

### NITROSAMINE FREE

**DOTG is also available in masterbatch form, under the MIXLAND+® brand name, offering a reduction of industrial hygiene problems and different technical benefits**

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

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TECHNICAL DATA SHEET

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**ARKEMA**

# DISCLAIMER FOR MEDICAL DEVICE POLICY

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The product described in the brochure is not Medical grade designated for Medical Device applications.

## **Arkema general Medical Devices Policy**

Arkema has implemented an internal Medical Policy regarding the use of Arkema products in Medical Devices applications that are in contact with the body or circulating bodily fluids. Arkema has designated Medical grades to be used for such Medical Device applications. Products that have not been designated as Medical grades are not authorized by Arkema for use in Medical Device applications that are in contact with the body or circulating bodily fluids. In addition, except for limited cases as determined by the Medical Device Policy, Arkema strictly prohibits the use of any Arkema products in Medical Device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

NITROSAMINE FREE