

# Dipropylene Glycol Dibenzoate

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This document provides a brief description of Dipropylene Glycol Dibenzoate, its uses, and the potential hazards associated with short-term and long-term exposure. Environmental impact information for accidental releases is included. This information is general in nature and is not intended as a replacement for the material safety data sheet (SDS), product label and other safe handling literature. For additional information consult the LANXESS Corporation safety data sheet.

## Identification

<b>Chemical Name:</b>	Dipropylene Glycol Dibenzoate
<b>Synonym(s):</b>	Oxydipropyl dibenzoate
<b>CAS Number:</b>	27138-31-4

## Description

<b>Overview:</b>	Dipropylene Glycol Dibenzoate is a clear, colorless liquid at room temperature.
<b>Uses:</b>	Dipropylene Glycol Dibenzoate is mainly used as a non-phthalate plasticizer in flexible plastics, adhesives, sealants, coatings, and rubber to improve flexibility and workability.
<b>Properties:</b>	
<b>Solubility in Water:</b>	8.69 mg/L
<b>Melting Point:</b>	-20°C (-4°F)
<b>Flash Point:</b>	192°C (377.6°F)

### Exposure and Potential Human Health Effects

#### Occupational Exposure

Potential for occupational exposure exists during manufacture and in storage, transfer, maintenance and sampling operations at facilities using Dipropylene Glycol Dibenzoate as an intermediate or additive in the manufacture of other products. A much lower potential for exposure exists in facilities using the chemical compound in closed manufacturing processes by trained personnel.

#### Employee Training

Workers should be trained to implement proper handling procedures and to understand the potential health and physical hazards of Dipropylene Glycol Dibenzoate exposure. Local and general exhaust ventilation should be used to keep worker exposure to airborne contaminants below any recommended or statutory limits. In cases where airborne concentrations are unknown, a NIOSH approved air-purifying respirator with organic vapor cartridges and particulate prefilter should be used to minimize exposure. In addition, LANXESS recommends safety glasses with side shields, impervious gloves and suitable protective clothing be worn when handling Dipropylene Glycol Dibenzoate.

#### Consumer Exposure

LANXESS Corporation does not sell Dipropylene Glycol Dibenzoate to the general public. Consumers may be exposed to trace amounts of Dipropylene Glycol Dibenzoate through use of products manufactured using the substance as an additive or processing aid.

#### Short-Term Health Effects

May be harmful if swallowed in sufficient quantities.

#### Long-Term Health Effects

No adverse chronic health effects are expected.

### Physical Hazards

Dipropylene Glycol Dibenzoate is stable under normal conditions of use. It is non-pyrophoric and not classified as flammable. It is also not explosive and is not expected to have oxidizing properties. Keep separated from strong oxidizing agents, carbon dioxide, and carbon monoxide.

### Potential Environmental Impact

Dipropylene Glycol Dibenzoate is readily biodegradable and is not expected to bioaccumulate. Experimental results and information are available for short-term and long-term studies. The results suggest that this substance has to be classified as Chronic 3 for aquatic toxicity.

### Conclusion

Under normal conditions of anticipated use as described in this Product Safety Assessment, and if the recommended safe use and handling procedures are followed, Dipropylene Glycol Dibenzoate is not expected to pose a significant risk to human health or the environment.

### References

*ECHA InfoCard, Oxydipropyl dibenzoate*, European Chemicals Agency

### Contact Information

LANXESS Corporation, Product Safety & Regulatory Affairs, 111 RIDC Park West Drive,  
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### Notices

#### Use and Application Information

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.