

Description

Propofol is the active ingredient in an injectable anesthetic. It's primary use is for the induction and maintenance of anesthesia during surgical procedures, and as a sedative for patients who are mechanically ventilated.

Chemical name: 2,6-Diisopropylphenol
 Chemical formula: C₁₂H₁₈O

Specifications
European Monograph (Current Edition) Requirements

Appearance	colorless or very light yellow clear liquid
Identification	passes test
Assay, %	98-102
HPLC impurities	
Impurity G ¹ , % max	0.20
Impurity J ² , % max	0.05
Impurity E ³ , % max	0.01
Any single impurity, % max	0.05
Sum of all impurities, % max	0.30
Refractive Index	1.5125 - 1.5145
CEP requirements	
Any other detectable impurity ⁴ , % max	0.05

¹ Impurity G is 2-(1-methylethoxy)-1,3-bis(1-methylethyl) benzene

² Impurity J is 2,6-bis(1-methylethyl)-1,4-benzoquinone

³ Impurity E is 3,3', 5,5'-tetrakis(1-methylethyl)biphenyl-4,4' diol

⁴ Other than those mentioned in the European monograph

Shipping Information

Container Information

5-liter and 250-ml glass bottles

Shipping Classification

Proper Shipping Name: TOXIC, LIQUIDS, ORGANIC, N.O.S. (Alkyl phenols)
Hazard Class: 6.1 (TOXIC)
ID Number: UN2810
Packing Group: III

Caution: Federal Law prohibits dispensing propofol in the United States without appropriate Food and Drug Administration (FDA) approval. For manufacturing, processing, or repackaging only.

Chemical name: 2,6-Diisopropylphenol
Chemical formula: C₁₂H₁₈O

Chemical Registration Numbers

CAS: 2078-54-8

Responsible Care

Albemarle is committed to the safety and well being of our customers, employees and the community at large. Material safety data sheets (MSDS) are available upon request from the offices listed below.

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patents.



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