Lubrizol

IID Listings Applicable to Pharmaceutical Polymers for Oral Applications

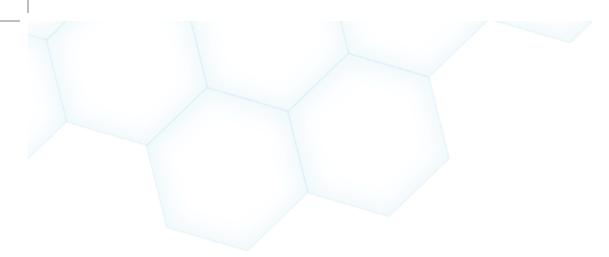
Various CAS numbers are currently reported on the Inactive Ingredient Database (IID) list that apply to Carbopol[®] polymers. Carboxypolymethylene is a generic name that can be used to describe all Carbopol homopolymers including Carbopol 71G NF, 971P NF and 974P NF polymers.

IID Name	IID CAS Number	IID Route/Dosage Form	IID Maximum Potency	Chemical Index Name	Alternative CAS Number	UNII
Carboxypolymethylene	9007-20-9	ORAL (Suspension) ORAL (Tablet, sustained action)	No calculable potency measurement available 195.00 mg	Carbomer	9003-01-4	_
Carbomer 934	9007-16-3	ORAL (Suspension) ORAL (Tablet, sustained action)	5.00% 90.00 mg	Carbomer 934	9003-01-4	Z135WT9208
Carbomer 934P (lower-benzene- content 934)	None cited	BUCCAL (Tablet) ORAL (Capsule) ORAL (Suspension) ORAL (Tablet, extended release) ORAL (Tablet, orally disintegrating) ORAL (Tablet, sustained action) ORAL (Tablet, sustained action, coated)	9.37 mg 14.20 mg 1.40% 15.00 mg 0.30 mg 1.50 mg 3.00 mg	Carbomer 934	9003-01-4	Z135WT9208
Carbomer 941	9003-01-4	-	_	2-Propenoic acid, homo- polymer	_	F68VH75CJC
Carbomer 974*	9003-01-4	ORAL (Granule, for suspension)	No calculable potency measurement available	2-Propenoic acid, homo- polymer	_	_
Carbomer 974P*	None cited	ORAL (Tablet, controlled release) ORAL (Tablet, sustained action)	6.25 mg 6.25 mg	Not applicable	9003-01-4	HHT01ZNK31

¹Carbomer 974 and Carbomer 974P are not compendial monograph names.

There are several different IID names that might be associated with a particular Carbopol polymer grade as outlined in the table. It should be noted that the current USP/NF names applicable to carbomer homopolymers might also be used for regulatory submission purposes.

Product Trade Name	IID Name		
Carbopol [®] 71G NF Polymer	Carboxypolymethylene; Carbomer 941		
Carbopol [®] 971P NF Polymer	Carboxypolymethylene; Carbomer 941		
Carbopol [®] 974P NF Polymer	Carboxypolymethylene; Carbomer 934P; Carbomer 974; Carbomer 974P		
Carbopol [®] 934P NF Polymer	Carboxypolymethylene; Carbomer 934P		





LifeScience Polymers | Medical Solutions | Pharmaceutical Solutions | Oral Care and Dental Solutions



Lubrizol Advanced Materials, Inc. Global Headquarters | 9911 Brecksville Road | Cleveland, OH 44141-3201 USA

For more information, visit Lubrizol.com/LifeSciencePolymers or call us at 216-447-5000 / 888-234-2436 (toll-free)

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained. The information often is based on laboratory work with small-scale equipment and does not necessarily indicate end-product performance or reproducibility. Formulations presented may not have been tested for stability and should be used only as a suggested starting point. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale and product performance are the responsibility of the user, Lubrizol Advanced Materials, inc. shall not be liable for and the customer assumes all risk and liability for any use or handing of any material beyond Lubrizol Advanced Materials, inc. shall not be liable for and the customer assumes all risk and liability for any use or handing of any material beyond Lubrizol Advanced Materials, inc. shall not be liable for and the customer assumes all risk and liability for any use or handing of any material beyond Lubrizol Advanced Materials, inc. shall not be liable for and the customer assumes all risk and liability for any use or handing of any material beyond Lubrizol Advanced Materials, inc. shall not be liable for and the customer assumes all risk and liability for any use or handing of any material beyond Lubrizol Advanced Materials, inc. shall not be liable for and the customer assumes all risk and liability for any use or handing of any material beyond Lubrizol Advanced Materials. Inc. shall not be liable for and the customer assumes all risk and liability for any use or handing of any set of the patient of the customer assumes and equipment used commendation, nor as an inducement to practice any patented invention without permission of the patent owner.

Lubrizol Advanced Materials, Inc., is a wholly owned subsidiary of The Lubrizol Corporation.

© 2013 The Lubrizol Corporation, all rights reserved. All marks are the property of The Lubrizol Corporation. The Lubrizol Corporation is a Berkshire Hathaway company. LSP-PS-IIDLST-GDE GC 131273 OCT 2013