

Dipropylene Glycol (Mono) Methyl Ether

ARCOSOLV® DPM Solvent

CAS No. 34590-94-8

Molecular Weight = 148.2

DPM has a low odor and slow evaporation rate. It is a good choice for wax strippers and floor cleaners which are spread over a large area. When used in an enclosed area, a floor cleaner containing a fast-evaporating solvent might produce an undesirable amount of solvent vapor. ARCOSOLV DPM provides good solvency for polar and non-polar materials.

Other Applications: The properties listed in the previous section also support the use of ARCOSOLV DPM in agricultural, cosmetic, electronic, ink, textile and adhesive products.

Storage

General industry practice is to store ARCOSOLV DPM in carbon steel vessels. Avoid contact with air when storing for long periods of time.

Store only in tightly closed, properly vented containers away from heat, sparks, open flame or strong oxidizing agents. Use only non-sparking tools. Ground containers before beginning transfer. Electrical equipment should conform to national electric code.

Handle empty containers carefully. Combustible residue remains after emptying. Store in properly lined steel or stainless steel to avoid slight discoloration from mild steel. Glycol ethers should never be stored or handled in copper or copper alloys. This product may absorb water if exposed to air. However, it is not subject to the reporting level established by SARA Title 111, section 313 and 40CFR372.

Safety and Handling

ARCOSOLV DPM is classified as a combustible liquid under SARA, Title 111, sections 311/312 but is not subject to the reporting requirements of SARA Title III, section 313.

Undue exposure or spillage should be strictly avoided as a matter of good practice. Refer to the Material Safety Data Sheet for ARCOSOLV DPM for more specific information.

Hazard ratings are summarized as follows:

	NPCA HMIS	NFPA
Health	1	0
Flammability	2	2
Reactivity	0	0
Personal Protection	B*	

*Personal protection recommendation should be made with consideration of specific work place conditions. The health hazard rating is based on eye irritation potential.

Toxicological Evaluation

ARCOSOLV DPM has a low degree of acute toxicity and is a slight eye irritant. OSHA has established a 100 ppm TWA for inhalation with a notation that DPM may be absorbed through the skin. No skin absorption hazard has been found.

Regulatory Status

Refer to Material Safety Data Sheet for more specific information.

ARCOSOLV DPM and all propylene glycol ethers are not included under the category glycol ethers as defined in the Clean Air Act Amendments of 1990.

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Material Compatibility Guidelines

ARCOSOLV DPM is not subject to the reporting requirement of CERCLA or the reporting requirements established by SARA Title 111, section 313 and 40CFR372.

ARCOSOLV DPM is on the U.S. TSCA inventory and the EEC's EINECS, Canadian DSL, Australian, and Japanese chemical inventories

Stainless steel is recommended for valves, pumps and filters. Teflon® is suitable for gaskets. Buna N, butylene polymers and Neoprene are known to swell in contact with ARCOSOLV DPM.

Information from material suppliers and specific conditions of contact should be considered in the selection of suitable materials.

This information is believed to be accurate as of the date of publication. It is the sole responsibility of the customer to determine whether the product is appropriate and suitable for the customer's specific use. Specific end uses may require approval by appropriate regulatory agencies. Lyondell Chemical Company makes no warranties, express or implied, regarding the product or information contained therein. The applicable Material Safety Data Sheet should be reviewed by customer before handling the Lyondell Chemical product. Lyondell Chemical Company disclaims any liability for infringement of any patent by reason of customer's use of any Lyondell Chemical Company products in combination with other materials or in any process.

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