



Specialized in chemicals

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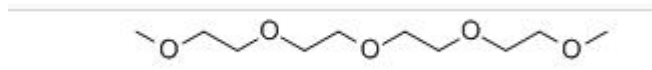
Technical Data Sheet

Tetraethylene glycol dimethyl ether

Product Information

Chemical Name	Tetraethylene Glycol Dimethyl Ether
CAS #	143-24-8
Formula	C ₁₀ H ₂₂ O ₅
Molecular Weight	222.28
Synonyms	1-(2-methoxyethoxy)-2-[2-(2-methoxyethoxy)-ethoxy]-ethane; 1,11-dimethoxy-3,6,9-trioxa-undecane;Ansol E-181;Ansul Ether181AT; ansulether181at;e181(ether);Ether,bis[2-(2-methoxyethoxy)ethyl]; ether,bis(2-(2-methoxyethoxy)ethyl)

Chemical Structure



Description

Tetraethylene glycol dimethyl ether can be used as excellent solvent of alkaline metal hydride and it is used in alkyl combination or recycle chemical reaction. And this chemical compound has Louise alkalinity, it can electively absorb acid gas to purify the synthetic gas, natural gas and acetylene. (NOTE: this product can't be exposed outside for a long time, otherwise it can produce peroxide)

Physical Properties

Melting point, °C .	-30 °C(lit.)
Boiling range, °C	275-276 °C(lit.)
Density @ 20°C, g/cm ³	1.009 g/mL at 25 °C
Flash point, °C	285 °F (141 °C)

Specification

Item	Specification
Appearance	Colorless transparent liquid
Assay(GC),%	≥ 99.0
Water,%	≤ 0.10
Acidity(HAC), %	≤ 0.015

Safety

This product can't be exposed outside for a long time,otherwise it can produce peroxide

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Mainly used as reaction solvent, medium, non-polluted cleaning agent, extractant, diluent, auxiliary and resin solvent.

Packaging

200kg per plastic or iron drum.

16mt per 20ft container

Storage & Handling

Store and handle in accordance with all current regulations and standards. May form peroxides during prolonged storage. Store in a tightly closed container. Avoid contact with light. Store in a cool, dry place. Check peroxide content before use. Do not evaporate or distill to dryness. See original container for storage recommendations. Keep separated from incompatible substances.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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