



Wuxi High Mountain Hi-tech Development Co.,Ltd

Technical Data Sheet

Version: 2.0

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Propylene Oxide #HMHT0129

HS Code	CAS No.	Formula	Molecule Weight	Shelf Life
29102000.00	75-56-6	C ₃ H ₆ O	58.08 g/mol	12 months

Standard: : GB/T 14491-2015

Items	Unit	Specifications	Test Method
Appearance		Transparent Liquid	Visual
Color	Pt-Co	5max.	GB/T 6324.6-2014
PO purity	%	99.95min.	
Acidity (as Acetic Acid)	%	0.003max.	
Water	%	0.02max.	GB/T 6283-2008
Total Acetaldehyde & Propionaldehyde	%	0.005max.	

Packing:

In 200L Iron drums or ISO Tanks, 80 drums in 1X20'FCL with pallets

Application:

It is mainly used in the production of polyether polyols, propylene glycol and all kinds of non-ionic surfactants, among which polyether polyols are important raw materials for the production of polyurethane foam, insulation materials, elastomers, adhesives and coatings, etc. All kinds of non-ionic surfactants are widely used in petroleum, chemical, pesticide, textile, daily chemical and other industries. At the same time, propylene oxide is also an important basic chemical raw material.

Handling and storage conditions:

Avoid contact with skin and eyes. Keep containers in a dry, cool and well-ventilated place. Store away from incompatible materials and foodstuff containers.

Transportation information:

UN 1280 3 / PG I