



PROPYLENE GLYCOL

(Tech Grade)

TECHNICAL DATA SHEET

GENERAL DESCRIPTION

Propylene Glycol is a water-white sticky-thick hydrophilic liquid, with the stable character.

APPLICATION

Propylene Glycol is used as the carrier of medicine and agent for particle medicine, as a solvent of perfume and edible pigment, emollient in food packing, and anti-adhesive, as humidifier, emollient and solvent. It also can be used as tobacco flavor, lubricated solvent, and preservative. As the raw material of non-saturated alkyd resin, plasticizer, dehydration, surface active agent, solidification agent, and cohesive agent. It also used in paint industry, pesticide industry and dope industry etc.

SOLUBILITY

It is soluble in the organic solvent, such as water and ethanol.

STORAGE

Protect container from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

PRODUCT STEWARDSHIP

The Haike Chemical Group and its Subsidiaries ("Hi-Tech Spring") has a fundamental concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our Product Stewardship program rests with each and every individual involved with Haike Products — from the initial concept and research, to manufacture, use, sale, disposal and recycle of each product.

TYPICAL COMPONENTS PROPERTIES

Item	Parameters
Content	≥ 99.5%
Color Tone (APHA)	10 Max
Retraction Index (n_n^{20})	1.431 ~ 1.433
Moisture	≤ 0.2%
Acidity (As CH ₃ OOH%)	≤ 75ppm
Residue	≤ 80ppm

OTHER DATA

Item	Parameters
Appearance	Water-white Sticky-thick liquid
Melting Point/Melting Range	-59.5°C
Flash Point	107°C (Open Cup) 98.9°C (Closed Cup)
Boiling Point/Boiling Range	187.3°C
Relative Density	1.0381g/mL (20°C)

FIRST AID MEASURE

Inhalation

Remove to fresh air. Not expected to require first aid measures.

Ingestion

Not expected to require first aid measures. Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

Skin Contact

Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

Eye Contact

Immediately flush eyes with plenty of water for at least 15min, lifting upper and lower eyelids occasionally. Call a physician if irritation persists.

Note to Physician

In case of ingestion, monitor for acidosis and central nervous system changes. Exposed persons with previous kidney dysfunction may require special treatment.

To the best of our knowledge, the information contained herein is accurate. However, neither ----- Chemical Company nor any subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

CUSTOMER NOTICE

Haike encourages its customers to review their application of Haike products from the standpoint of human health and environmental quality. To help ensure that Haike products are not used in ways for which they were not intended or tested, Haike personnel will assist customers in dealing with ecological and products safety. Your Haike sales representative can arrange the proper contacts.

CONTACT INFORMATION

For more information about this product please call The Hi-Tech Spring Chemical Industry Company.

Contact Number: (0546)-7791058
(0546)-7791059

URL: <http://www.chinadmc.com>
<http://www.haikegroup.com>



NOTICE: No freedom from infringement of any patent owned by Haike or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Haike is represented. The claims made may not have been approved for use in all countries. Haike assumes no obligation or liability for the information in this document. References to "Haike" or the "Company" mean the Haike legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED