



Dongying Hi-Tech Spring Chemical Industry Co., Ltd





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Hi-Tech Spring A Market-leading Polyols Manufacturer

INTRODUCTION

Established in 2002, Dongying Hi-Tech Spring Chemical Industry Co., Ltd. (Short for "Hi-Tech Spring"). Working with world-renowned companies, we offer to our partners with production, sales and solutions of cosmetics chemicals, pharmaceutical excipients chemicals, food additives chemicals. Equipped with pharmaceutical excipients production certificate, food additive production license, REACH certificate, HALAL certificate, KOSHER certificate and so on.





Countries and Regions
Where Business
Presents









Propylene Glycol (Tech)

CAS NO.57-55-6

Main Application

Unsaturated Polyester Resins, Urethanes, Adhesives, Sealants, Coolants and Antifreeze, Aircraft Deicing Fluid, Hydraulic and Brake Fluid, Heat Transfer Fluids, Paints & Coatings.

Appearance

Clear & Colorless Liquid.

Package

IBC,ISO Tank,Flexi Tank,Iron Drum,Plastic Drum.

Storage and Handling

Store in a cool, dry, and ventilated area, away from sources of heat, moisture, and incompatible substances. Empty container may be hazardous since they may retain product residues (vapors, liquid), Note all warnings and precautions.

Shelf Life

12 months.

Hazard Statement



Propylene Glycol (Pharma)

CAS NO.57-55-6

Main Application

- 1. Pharmaceuticals Solvent for active ingredients in oral and topical products.
- 2. Pet foods & Animal Feed Humectant, emulsifier, preservative, solvent for additives, energy source and aid for prevention of ketosis (acetonemia) in dairy cattle. (details please refer to Product Technical Data Sheet).

Appearance

Clear & Colorless Liquid.

Package

IBC,ISO Tank,Flexi Tank,Iron Drum,Plastic Drum.

Storage and Handling

Store in a cool, dry, and ventilated area, away from sources of heat, moisture, and incompatible substances. Empty container may be hazardous since they may retain product residues (vapors, liquid). Note all warnings and precautions.

Shelf Life

24 months.

Hazard Statement

Non-hazardous.

Propylene Glycol (USP)

CAS NO.57-55-6

Main Application

Propylene Glycol USP is a widely used ingredient in pharmaceutical, food, cosmetic, personal care, flavors and animal feed applications.

PG USP is also applied in indirect contact food applications, such as low temperature heat-transfer fluid in the brewing, dairy and ice cream industries, food storage and handling, facility equipment cleaner fluid or a solvent for printing inks.

Appearance

Clear & Colorless Liquid.

Package

IBC, ISO Tank, Flexi Tank, Iron Drum, Plastic Drum.

Storage and Handling

Store in a cool, dry, and ventilated area, away from sources of heat, moisture, and incompatible substances. Empty container may be hazardous since they may retain product residues (vapors, liquid). Note all warnings and precautions.

Shelf Life

24 months.

Hazard Statement



Dipropylene Glycol (Tech)

CAS NO.110-98-5

Main Application

Dipropylene Glycol Tech Grade, is used as a solvent, coupling agent and chemical intermediate. Typical applications include:

- 1.Esterification with benzoic acid to make Dipropylene Glycol dibenzoate for plasticizers.
- 2.A reactant in unsaturated polyester resins to add flexibility and hydrolytic stability to the finished resin.
- 3. Esterification with acrylic acid to make Dipropylene Glycol diacrylate for radiation cured resin formulations.
- 4.In dicyclopentadiene-based unsaturated polyester resin systems to add flexibility.
- 5.An initiator for urethane polyol synthesis using epoxides, and for the polyol in rigid polyurethane foams.

Appearance

Clear & Colorless Liquid.

Package

IBC,ISO Tank,Flexi Tank,Iron Drum,Plastic Drum.

Storage and Handling

Protect container from physical damage. Store in a cool, dry and ventilated area away from sources of heat, moisture, and incompatible substances.

Shelf Life

12 months.

Hazard Statement

Non-hazardous.

Dipropylene Glycol (Flavor & Fragrance Grade)

CAS NO.: 25265-71-8

Main Application

Dipropylene Glycol is used as a solvent, coupling agent and chemical intermediate.

Typical applications include:

- 1.As a solvent in fragrances and cosmetics
- 2. Used as an dibenzoate in the plasticizer.
- 3.It can be used in unsaturated polyester resins.
- 4.Other applications are in urethane polyols, alkyd resins, functional fluids like de-icer formulations, inks and paints.

Appearance

Clear & Colorless Liquid.

Package

IBC,ISO Tank,Flexi Tank,Iron Drum,Plastic Drum.

Storage and Handling

Protect container from physical damage. Store in a cool, dry and ventilated area away from sources of heat, moisture, and incompatible substances.

Shelf Life

6 months.

Hazard Statement



Tripropylene Glycol

CAS NO.: 24800-44-0

Main Application

Tripropylene Glycol is used as raw materials in various radiation curing formulations and can be used for printing inks, varnishes, paints and coatings.

Typical applications include:

- 1.The raw material of TPGDA
- 2. Unsaturated resin synthesis
- 3. Latex coating antifreeze
- 4. Soaps and lubricants for the textile industry

Appearance

Clear & Colorless Liquid.

Package

Drum

Storage and Handling

When not in use, the container should be sealed and stored. Avoid direct sunlight or ultraviolet light when storing. Large amounts of storage is carried out under the protection of nitrogen.

Hazard Statement





1,2-Hexylene Glycol (Cosmetic Grade)

CAS NO.6920-22-5

Main Application

As a strong humectant, it can be widely used in the cosmetics industry. The product also has a wide antibacterial spectrum, and has a strong antibacterial effect when compounded with other products, and the product is non irritant, which can replace benzoic acid ester organic preservative, as an auxiliary emulsifer, the multi-component alcohol, the product has a strong solubility, which can dissolve most of the cosmetics esters.

Appearance

Colorless and transparent liquid, no suspended impurities.

Package

Drum

Storage and Handling

Stored in a dry, ventilated warehouse in a cool place.

Shelf Life

24 months





1,2-Pentylene Glycol (Cosmetic Grade)

CAS NO.5343-92-0

Main Application

As a humectant with excellent performance, it has a very strong anti-corrosion effect. It can prepare products without preservatives and reduce the allergy caused by preservatives. It can also be used to improve the water resistance of sunscreen formula. In addition, it can be used to dissolve the insoluble active ingredients, because of its unique solubility. It is used in skin cream, eye cream, water, baby care products, sunscreen and other skin care products. Its industrial product is an important intermediate in the synthesis of propiconazole.

Appearance

Colorless and transparent liquid, no suspended impurities.

Package

Drum

Storage and Handling

Stored in a dry, ventilated warehouse Stored in a dry, cool and ventilated place

Shelf Life

24 months

1,3-Butylene Glycol (Cosmetic Grade)

CAS NO.107-88-0

Main Application

As a moisturizer, it can be widely used in cosmetics. It can be applied to personal care products such as make-up water, cream, lotion, toothpaste and so on. It can also be used as a solvent for essential oils, extracts and dyes. In addition, it can also be used as humidifier and softener of textiles, tobacco and paper, antibacterial agent of cheese or meat, plasticizer of synthetic unsaturated polyester.dehydrating agent for industrial use, etc.

Appearance

Colorless and transparent liquid, no suspended impurities.

Package

Drum

Storage and Handling

Stored in a dry, ventilated warehouse Stored in a dry, cool and ventilated place

Shelf Life

24 months



QUALIFICATION AND CERTIFICATE



Food Production License



PG CDE Registration Publicity





HALAL Certification

KOSHER Certification







REACH Certification

Certificate of Registration

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COSMOS Certification









FOCUS ON INNOVATION AND SUSTAINABLE DEVELOPMENT











INTELLIGENT INTEGRATED MANAGEMENT SYSTEM

Build smart factories, set up SAP intelligent management platform and integrated management system, and realize product life cycle management, so as to provide efficient, collaborative and recyclable excellent services for partners.

Commercialization

Digitalization

Intelligence

Integration





INTERGRATED SERVICE SOLUTION

Product Solution

- · Stable multi-bases to guarantee capacity supply
- · Multi-category combination for one-stop procurement
- · Multi-grade and quality products to meet multiple fields

Technology Solution

- · Customizable products to meet individual needs
- · CNAS accredited laboratory standard quality inspection
 - · Terminal application detection support
 - · 100 % Technical response in 24h every day

Delivery Solution

- · 3+4 Warehousing to ensure delivery time at home and abroad
 - · 3+N delivery mode to meet individual needs
- · Bi-directional tracking of whole process quality with intelligent SAP
 - · Housekeeping service to meet global agile delivery

Strategic Cooperation

- · Collaborative development of industrial chain
 - · Factory coalition for core projects
- · Flexible cooperation for optimal customer value





GLOBAL PRESENCE









5Wholly-owned/holding companies

