TRPH CHEM

SPECIALTY CHEMICALS

PRODUCT CATALOG

PHOSPHITE ESTERS & AROMATIC INTERMEDIATES

Jiangsu TRPH Specialty Chemicals Co., Ltd.

Source manufacturer and global B2B supply partner

Established 2006 | 30,000+ m2 facility | 40+ team members

2026 EDITION

Company Profile

SPECIALTY CHEMICALS FOR GLOBAL INDUSTRY

Jiangsu TRPH Specialty Chemicals Co., Ltd. is positioned as a source manufacturer and flexible supply partner for phosphite esters and aromatic chemical intermediates. We support importers, distributors and industrial manufacturers with clear product communication, responsive coordination and documentation aligned with the requirements of each product and destination.

2006

ESTABLISHED

Long-term focus on industrial chemical supply.

30,000+ m2

FACILITY FOOTPRINT

Production and operating space stated in the company brief.

40+

TEAM MEMBERS

Commercial and operational coordination for global buyers.

CORE POSITIONING

Scalable Production & Reliable Supply
Built around repeat industrial purchasing and stable supply coordination.

Flexible Solutions for Global Buyers
Product, documentation and commercial details can be aligned with market needs.

Professional Chemical Shipment Coordination
Product-specific handling, documentation and route requirements are reviewed before shipment.

KEY MARKETS

South Korea
Turkey
Germany
Indonesia
United States
Singapore
Vietnam
Saudi Arabia
UAE
Egypt

Product Portfolio

This catalog presents the core products confirmed in the company brief. Final grade, purity, inhibitor system, packaging and acceptance criteria must be agreed in the approved specification, TDS and sales contract.

01

Triphenyl Phosphite

CAS 101-02-0

Secondary antioxidant, processing stabilizer and chemical intermediate.

02

Divinylbenzene

CAS 1321-74-0

Crosslinking monomer for ion exchange, adsorbent and specialty resins.

03

Ethylbenzene

CAS 100-41-4

Aromatic intermediate for petrochemical and styrene-related value chains.

04

Alpha-Methylstyrene

CAS 98-83-9

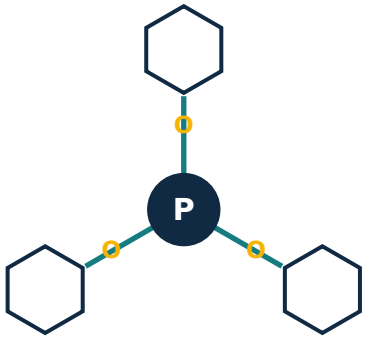
Reactive aromatic intermediate for specialty resins and polymer modification.

Phosphite Ester Solutions

PROCESSING PROTECTION FOR POLYMER SYSTEMS

Phosphite esters are commonly used as secondary antioxidants and processing stabilizers. They decompose hydroperoxide intermediates formed during polymer processing and can help reduce discoloration and viscosity change when selected and formulated correctly.

TRPH's confirmed flagship product in this catalog is Triphenyl Phosphite. Commercial suitability depends on resin system, process temperature, additive package, regulatory status and end-use requirements.



PVC & Plastics

Supports initial color and processing stability in selected formulations.

Styrenics

Used in stabilizer packages for styrenic polymers and related compounds.

Polyurethane

Can support thermal and processing protection in selected PU systems.

Coatings & Adhesives

Functions as a stabilizer or intermediate where formulation-compatible.

Polyesters & Epoxies

Rubber & Elastomers

B2B PURCHASING NOTE

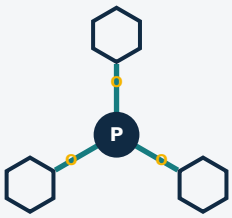
Request the current TDS, SDS, batch COA, specification, packaging and regulatory status for the exact destination before approval.

Triphenyl Phosphite

TPP | PHOSPHOROUS ACID, TRIPHENYL ESTER

Reliable supply for industrial buyer

Triphenyl Phosphite is used in selected polymer, resin and chemical synthesis applications. It can reinforce primary antioxidant systems and support color and processing stability when correctly formulated.



STRUCTURE MOTIF

CHEMICAL IDENTITY

Field	Information
Product	Triphenyl Phosphite
CAS No.	101-02-0
Molecular Formula	C18H15O3P
Molecular Weight	310.29
Typical Form	Clear liquid; may solidify under cool storage conditions
Primary Role	Secondary antioxidant, processing stabilizer and chemical intermediate

KEY APPLICATIONS

- PVC and plastic stabilizer packages
- Styrenic polymers and engineering plastics
- Polyurethane, polyester and epoxy systems
- Coatings, adhesives, rubber and elastomers
- Intermediate for other phosphite chemistry

INQUIRY CHECKLIST

- Target specification and purity
- Color and acid value requirements
- Application and processing temperature
- Required packaging and quantity
- Destination and compliance documents

HANDLING & SPECIFICATION

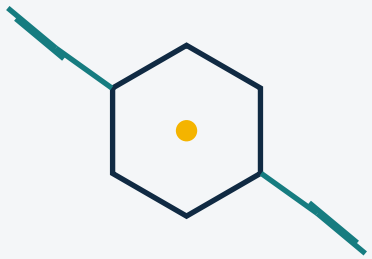
Use the latest SDS and TDS. Storage temperature and product solidification behavior should be reviewed before transport and use. Final limits are defined by the approved specification.

Divinylbenzene

DVB | AROMATIC CROSSLINKING MONOMER

Reliable supply for industrial buyer

Commercial Divinylbenzene is generally supplied as a controlled mixture of isomers and related aromatic components. Its crosslinking functionality is widely valued in resin, polymer and separation-material manufacturing.



STRUCTURE MOTIF

CHEMICAL IDENTITY

Field	Information
Product	Divinylbenzene
CAS No.	1321-74-0
Molecular Formula	C10H10 (principal component)
Molecular Weight	130.19 (principal component)
Typical Form	Clear to pale yellow inhibitor-stabilized liquid; commercial isomer mixture
Primary Role	Crosslinking monomer for resin and polymer systems

KEY APPLICATIONS

- Ion exchange resin production
- Adsorbent and macroporous resins
- Water treatment material manufacturing
- Specialty polymer and crosslinked resin systems
- Coatings and functional polymer applications

INQUIRY CHECKLIST

- Required DVB concentration / grade
- Isomer and related-component requirements
- Inhibitor system
- Application and process conditions
- Packaging, quantity and destination

HANDLING & SPECIFICATION

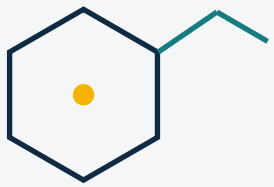
DVB is reactive and normally inhibitor-stabilized. Composition, inhibitor level, storage temperature and shelf-life controls must follow the latest approved SDS, TDS and specification.

Ethylbenzene

EB | AROMATIC HYDROCARBON INTERMEDIATE

Reliable supply for industrial buyer

Ethylbenzene is an important aromatic intermediate used primarily in styrene-related value chains and selected industrial processes. Commercial handling and transport must reflect its flammable-liquid classification and destination requirements.



STRUCTURE MOTIF

CHEMICAL IDENTITY

Field	Information
Product	Ethylbenzene
CAS No.	100-41-4
Molecular Formula	C8H10
Molecular Weight	106.17
Typical Form	Colorless liquid
Primary Role	Petrochemical feedstock and aromatic intermediate

KEY APPLICATIONS

- Styrene and petrochemical manufacturing
- Aromatic intermediate supply
- Industrial synthesis routes
- Approved process-solvent applications
- Bulk chemical distribution

INQUIRY CHECKLIST

- Purity and impurity requirements
- Annual demand and shipment size
- Tank, drum or other packaging request
- Destination port and Incoterm
- Transport and regulatory documents

HANDLING & SPECIFICATION

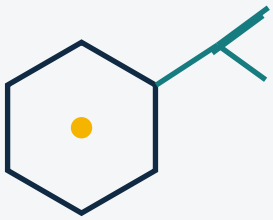
Ethylbenzene is a regulated flammable liquid. Packaging, dangerous-goods declaration, route, labeling and transport documentation must be confirmed before shipment.

Alpha-Methylstyrene

AMS | 2-PHENYLPROPENE

Reliable supply for industrial buyers

Alpha-Methylstyrene is used as a reactive intermediate in specialty resin, polymer and fine-chemical value chains. Product stability, inhibitor control and storage conditions are important parts of commercial specification alignment.



STRUCTURE MOTIF

CHEMICAL IDENTITY

Field	Information
Product	Alpha-Methylstyrene
CAS No.	98-83-9
Molecular Formula	C9H10
Molecular Weight	118.18
Typical Form	Clear colorless to pale yellow inhibitor-stabilized liquid
Primary Role	Reactive aromatic intermediate and polymer modifier

KEY APPLICATIONS

- Specialty resin and polymer production
- Polymer modification
- Coating and adhesive resin intermediates
- Fine chemical synthesis
- Styrenic and petrochemical value chains

INQUIRY CHECKLIST

- Purity and color requirements
- Inhibitor type and level
- Storage and shelf-life expectations
- Application and downstream process
- Packaging, quantity and destination

HANDLING & SPECIFICATION

Use the current SDS and product-specific storage instructions. Inhibitor level, temperature exposure and polymerization risk must be managed during storage and handling.

Application Matrix

The matrix below is a commercial discussion guide, not a formulation approval. Customers should validate product suitability, dosage, regulatory status and performance in their own process.

Industry / Use	TPP	DVB	Ethylbenzene	Alpha-MS
Polymer additives & stabilization	Primary fit	Possible	-	Possible
PVC and plastic manufacturing	Primary fit	-	-	Modifier / intermediate
Ion exchange & adsorbent resins	-	Primary fit	-	Possible
Water treatment materials	-	Crosslinked resin production	-	-
Specialty polymers & resins	Stabilizer	Crosslinker	Intermediate	Intermediate
Styrene & petrochemical chains	Stabilizer / intermediate	Monomer	Feedstock / intermediate	Intermediate
Coatings, adhesives & rubber	Stabilizer / intermediate	Possible	Process-dependent	Resin intermediate

CUSTOMER GROUPS WE SUPPORT

- Chemical importers & distributors
- Polymer additive manufacturers
- PVC and plastic manufacturers
- Synthetic and specialty resin manufacturers
- Ion exchange resin manufacturers
- Water treatment material companies
- Styrene and petrochemical manufacturers
- Bulk chemical traders
- Coating, adhesive and rubber manufacturers

Quality & Compliance

IMPORTER-READY DOCUMENTATION

SDS
Safety Data Sheet for product hazards, handling, storage and emergency guidance.

TDS
Technical Data Sheet describing product identity, functions and typical information.

COA
Batch Certificate of Analysis against agreed release criteria.

SPEC
Approved commercial specification defining acceptance requirements.

GHS
Product and destination-specific hazard communication where applicable.

BATCH
Batch identification and document linkage for quality follow-up.

REGULATORY STATUS

REFERENCES PROVIDED IN THE COMPANY BRIEF

EU REACH | UK REACH | GB CLP | TSCA INVENTORY

These are regulatory frameworks or inventory/status references rather than a single global certificate. Applicability and current substance status must be confirmed for the exact product, importer, destination and intended use before shipment.

QUALITY COMMUNICATION WORKFLOW

01 Requirement Review

02 Specification Alignment

03 Batch Release

04 Document Check

05 Shipment Coordination

Global Supply & Logistics

FROM INQUIRY TO SHIPMENT

1
Define
Product, grade, application, annual demand and target specification.

2
Confirm
Packaging, documents, Incoterm, destination and compliance requirements.

3
Approve
Commercial terms, sample or pre-shipment data as agreed.

4
Prepare
Batch production or allocation, release documents and shipment booking.

5
Deliver
Dangerous-goods coordination when applicable and document handover.

SEND THESE DETAILS FOR A FASTER QUOTATION

- Product name and CAS No.
- Required grade / specification
- Order quantity and annual demand
- Destination country and port
- Preferred packaging
- Incoterm and delivery target
- End-use application
- Required SDS / TDS / COA / compliance documents

TRPH CHEM
SPECIALTY CHEMICALS

Specialty Chemicals.
Reliable Supply.
Global Support.

CONTACT

COMPANY	Jiangsu TRPH Specialty Chemicals Co., Ltd.
CONTACT	Linda
EMAIL	dysales88@gmail.com
WHATSAPP	+86 133 2777 3113
LOCATION	Jiangsu, China
WEBSITE	www.trphchem.com