



## CHLORINATED ORGANICS

### GLOBAL PRODUCT CATALOGUE



# We Are Olin: Vertically Integrated and Customer Focused

Olin is the world's largest supplier of chlorinated organics products and services. Backed by more than 100 years of continuous innovation, we offer high-quality products and industry-leading customer support.

We proudly serve a wide range of industries and applications such as aerosol products, agriculture, automotive, chemical processing, dry cleaning, fluorocarbons feedstock, foam blowing, metal cleaning and degreasing, oil and gas, pharmaceuticals manufacturing, silicone production, surfactant manufacturing, and water treatment. As one of the most vertically integrated chlorinated products producers, and the only global producer, Olin is the go-to source for service and supply.

This bulletin provides information on Olin's chlorinated organics global product offerings. Please use this information in conjunction with the relevant Safety Data Sheet (SDS), which includes safe use conditions. You can request current Safety Data Sheets at [OCAPVProdStew@Olin.com](mailto:OCAPVProdStew@Olin.com).

## Quality and Reliability

Olin's chlorinated solvent manufacturing sites are ISO 9001 and ISO 14001 certified. Our plants use rigorous quality control and operational procedures, which are documented in our Corporate Operating Discipline Management System (ODMS), to provide the quality and product reliability that customers require and count on. Contact Olin at [OCAPVProdStew@olin.com](mailto:OCAPVProdStew@olin.com) for additional information.

## Learn More

For more information about our full line of Olin chlorinated organics products, including approved and non-approved use and applications, contact your Olin representative or visit our website at [www.OlinChlorinatedOrganics.com](http://www.OlinChlorinatedOrganics.com). Additional contact information can be found on the last page of this catalogue.



## Fluoropolymers/Fluorocarbons

Olin's chlorinated organic products (chloroform, methylene chloride, and perchloroethylene) are used as feedstock for making the refrigerants that keep your home, auto, and businesses cool. Carbon tetrachloride is one of the essential components in the manufacture of the latest hydrofluoroolefin (HFO) refrigerants that have much lower global warming potential than traditional refrigerants. Chloroform is used to make fluoropolymers for seals, gaskets, piping, non-stick coatings, and many other applications. For more information about our entire product line, contact your Olin representative.



## Oil and Gas Refineries

Olin's ISOFORM® perchloroethylene products play an essential role in the production of higher-octane gasoline, solvents, and other valuable materials refined from crude oil. ISOFORM Isomerization Grade and Reforming Grade provide an efficient (85.5 % chloride) source for catalyst activation and regeneration. ISOFORM Isomerization Grade meets the perchloroethylene requirements from UOP (United Oil Products), a major catalyst manufacturer and technology licensor, for use in isomerization and reforming processes. For more information about our entire product line, contact your Olin representative.



## Pharmaceutical

Olin's methylene chloride and chloroform products act as processing aids/carrier solvents in the manufacture of pharmaceuticals that improve the health and quality of life for people around the world. These products provide solvency for active pharmaceutical ingredients, coatings, and other components, and are readily removed from the final pharmaceutical product during purification and/or final processing steps. Contact your Olin representative for more information about our special solvent grades that meet pharmacopeia monograph requirements.



## Carbon Tetrachloride

Product Grade	Uses	Product Availability*
Carbon Tetrachloride Technical Grade	<ul style="list-style-type: none"> <li>Olin's Carbon Tetrachloride Technical Grade is primarily used as a feedstock for chemical processing applications. Carbon Tetrachloride is subject to restrictions under the Montreal Protocol.</li> </ul>	APAC, EMEA, LAA, NAA

**Manufacturing Locations:** Plaquemine, Louisiana USA and Stade, Germany

## Chloroform

Product Grade	Uses	Product Availability*
Chloroform Fluorocarbon Grade	<ul style="list-style-type: none"> <li>Used as a processing solvent for pharmaceutical product synthesis, agrochemical synthesis, fluoropolymers for non-stick coatings, and fluorocarbon feedstock.</li> </ul>	APAC, LAA, NAA
Chloroform Technical Alcohol Free	<ul style="list-style-type: none"> <li>Used as a processing solvent for pharmaceutical product synthesis, agrochemical synthesis, and fluoropolymers for non-stick coatings.</li> </ul>	APAC, LAA, NAA

**Manufacturing Location:** Freeport, Texas USA

## Methyl Chloride

Product Grade	Uses	Product Availability*
Methyl Chloride	<ul style="list-style-type: none"> <li>Methyl chloride is primarily used as an intermediate for chemical processing of methyl cellulose, butyl rubber, silicone, and quaternary ammonium compounds for water treatment chemicals and surfactants.</li> </ul>	EMEA, LAA, NAA

**Manufacturing Locations:** Freeport, Texas USA and Stade, Germany

\*Regional availability of a product grade does not indicate regulatory compliance for a particular use or application. Consult the Safety Data Sheet for the product grade of interest as well as local, state, and/or federal regulations.

APAC = Asia Pacific; EMEA = Europe, Middle East, Africa; LAA = Latin America Area; NAA = North America Area

## Methylene Chloride

Product Grade	Uses	Product Availability*
Methylene Chloride FCC/NF Cyclohexane Inhibited Grade	<ul style="list-style-type: none"> <li>Used for pharmaceutical processing.</li> <li>Contains an alternative stabilizer.</li> <li>Meets the requirements of the FCC and NF.</li> </ul>	LAA, NAA
Methylene Chloride NF/EP Grade	<ul style="list-style-type: none"> <li>Used for pharmaceutical processing.</li> <li>Meets the requirements of the NF and European Pharmacopeia (EP).</li> </ul>	NAA
Methylene Chloride Technical Grade	<ul style="list-style-type: none"> <li>For intermediate use as a fluorocarbon feedstock.</li> <li>Used as a solvent in general industrial applications and formulations for coatings, adhesives, pharmaceutical processing, and brake cleaners.</li> </ul>	APAC, LAA, NAA
Methylene Chloride Urethane Grade	<ul style="list-style-type: none"> <li>Used as an auxiliary foam blowing agent for polyurethane foams.</li> </ul>	LAA, NAA
Methylene Chloride Vapor Degreasing Grade	<ul style="list-style-type: none"> <li>Specially formulated for metal cleaning and vapor degreasing applications.</li> </ul>	NAA

**Manufacturing Location:** Freeport, Texas USA

## Perchloroethylene

Product Grade	Uses	Product Availability*
DOWPER™ Solvent	<ul style="list-style-type: none"> <li>Dry cleaning applications.</li> </ul>	APAC, EMEA, LAA, NAA
DOWPER™ LM Solvent	<ul style="list-style-type: none"> <li>Metal cleaning and degreasing.</li> </ul>	LAA
ISOFORM® Isomerization Grade	<ul style="list-style-type: none"> <li>For oil refinery isomerization or reforming processes.</li> <li>Meets UOP specifications for catalyst regeneration and activation.</li> </ul>	APAC, EMEA, LAA, NAA
ISOFORM® Reforming Grade	<ul style="list-style-type: none"> <li>Used for catalyst regeneration and activation in oil refinery reforming processes.</li> </ul>	APAC, EMEA, LAA, NAA
OPER™ MC Solvent	<ul style="list-style-type: none"> <li>Metal cleaning and degreasing.</li> </ul>	APAC, EMEA
Perchloroethylene DG	<ul style="list-style-type: none"> <li>Used as a fluorocarbon feedstock.</li> </ul>	NAA
Perchloroethylene Fluorocarbon Grade	<ul style="list-style-type: none"> <li>Used as a fluorocarbon feedstock.</li> </ul>	APAC, EMEA
Perchloroethylene Industrial Grade	<ul style="list-style-type: none"> <li>Used as a solvent in general industrial applications and formulations for aerosol brake cleaners, adhesives, and coatings</li> </ul>	APAC, EMEA, LAA, NAA
Perchloroethylene SVG Double Stabilized	<ul style="list-style-type: none"> <li>Specially stabilized for metal cleaning and vapor degreasing applications.</li> </ul>	APAC, NAA

**Manufacturing Locations:** Plaquemine, Louisiana USA and Stade, Germany

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## Product Stewardship

At Olin, our Product Stewardship program is guided by our core values – Act with Integrity, Drive Innovation and Improvement, and Lift Olin People. We are committed to the safe handling and use of our products – and enabling all of our collaborators throughout the value chain to do the same. As a responsible corporate citizen and certified to RC14001®:2015, we assess the safety, health, and environmental information on our products, and then take appropriate steps to protect employees, public health, and the environment. Ultimately, the success of our product stewardship program rests with each and every individual involved with Olin products – from the initial concept and research to the manufacture, sale, distribution, use, disposal, and recycling of each product.

## Regulatory Datasheets

Olin provides information on the status of its products under prominent regulatory programs and about non-approved uses in our Regulatory Data Sheets, which can be requested at [OCAPVProdStew@Olin.com](mailto:OCAPVProdStew@Olin.com).

## Global Contact Information

### Americas

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### Asia

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**Hong Kong:** +852 58081886  
**Japan:** +81 368608305  
**Singapore:** +65 31632006  
**South Korea:** +82 260221296

### Europe

**Europe, Middle East, Africa, India:**  
+44 8000869047

*Toll free service not available in all countries*

[Info@olin.com](mailto:Info@olin.com)

[www.OlinChlorinatedOrganics.com](http://www.OlinChlorinatedOrganics.com)

## Emergency Telephone Numbers (Chemical Incident Only)

**USA:** +1 800 424 9300  
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