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WEB SEARCH AND ORDER

Discover how our website is making it easier for you to stay productive and conduct your daily activities in a more efficient manner. Access the broadest range of scientific products and information available. Our website has been designed specifically to get you through the ordering process quickly and efficiently.

- Quality and Safety Documentation (COAs, COOs, MSDS)
- Real-time Product Pricing and Availability
- Pubget peer-reviewed journals and in-depth technical articles
- Organic product search by compound/material name or CAS number
- Purchase order history and saved favorite products lists
- Product comparison shopping
- Faceted product search by category, grade, purity, etc.
- Product delivery tracking

To explore what is available, visit sigma-aldrich.com/ordering-tours
E-BUSINESS SOLUTIONS

We understand the daily challenge our customers face when it comes to managing cost efficiency and productivity. That is why we have aligned our business with these challenges in mind in order to develop new solutions that foster a greater level of collaboration. With our e-Commerce procurement systems, Sigma-Aldrich has the expertise and ability to enhance the way you do business.

PIPELINE® — CUSTOMIZED ORDER PLATFORM

Pipeline is your own private connection to our internal product order processing and fulfillment systems without additional IT investment costs.

Why use Pipeline?

• Save time and money
  – Elimination of paper transactions
  – Requisition creation at end-user level
  – Fast ordering process: > search > select > approve > order
  – Optional order consolidation
  – No additional IT investment required

• Reduce purchasing errors and find what you need
  – Decrease delivery time through e-Orders in real time
  – Receive real time availability information
  – Instant pricing
    • Sophisticated product search engine
    • Configuration of custom products
    • Access to full product documentation
      - MSDS, Certificate of Analysis
      - Scientific literature

Free of charge set up

• Secure transactions using Secure Socket Layer
• e-Order
• e-Order status/history
• e-Order response by email
B2B – DIRECT SYSTEM TO SYSTEM CONNECTIVITY

If you are already using an electronic spend management solution, leverage your investment to generate even greater savings by automating Sigma-Aldrich® purchases.

Why implement a B2B solution with Sigma-Aldrich?

• Seamless set-up expertise
• Worldwide implementation available
• Multiple customer sites implemented
• Personal support
  – Dedicated analyst teams will help you seamlessly manage the implementation process from start to finish

Benefit from our implementation experience

• Implementations worldwide
• Multiple customer sites implemented
• Personal support
  – Dedicated experienced implementation teams
  – Your implementation analyst will help you seamlessly manage the implementation process

What are our system capabilities?

• We can integrate with most common e-procurement providers
  – SAP, Oracle, SciQuest, Ariba, Hubwoo etc.
• We support multiple product search options
  – Online: Punchout (OCI, cXML)
    • Real time information available
  – Offline: Hosted catalogue support
• We support electronic integrated transactions from the purchase to the payment (P2P) in all standards format. (This includes a way to search product, the order, the invoice and the payment)
• Secure transactions using Secure Socket Layer (SSL)

For more information, visit sigma-aldrich.com or email:
US: ecommerce@sial.com
EU: ewc@sial.com
Sourcing products from multiple suppliers can be difficult and time consuming. Our Procurement Services can help optimize your purchasing process by consolidating to a single vendor you know and trust, Sigma-Aldrich®.

**CHEMICAL SOURCING**

Sigma-Aldrich’s experience and outstanding supplier network across the globe enables us to access millions of molecules currently unavailable from our catalogue.

**Our Chemical Sourcing Service provides:**
- Quotes within 24–48 hours
- Delivery of available products within 10 business days
- Custom synthesis if the product is currently not available

**Our Chemical Sourcing Service allows you to:**
- Save time
- Optimize staff and resources
- Remove risks of unknown suppliers
  - Delivery
  - Customs regulations
  - Payments
- Receive products from the sources at the best price
- Consolidate your supplier database
- Transform a complex process into a simple procedure

For best service, please provide one of the following pieces of information when requesting a quote:

- CAS Number
- MDL Number
- Chemical Structure
- Chemical Name

For more information, visit sigma-aldrich.com/chemistryservices
ALDRICH® MARKET SELECT

Aldrich Chemistry is proud to offer Aldrich Market Select, a comprehensive solution for procurement of readily available screening compounds and building block products. Aldrich Market Select is a structure database and purchasing website which allows users to quickly identify and purchase chemical products.

Over 8 million products

Aldrich Market Select includes catalog data from more than 60 of the most reliable suppliers in the compound and building block market. We continually update our catalog so you can be confident you’re viewing the most recent catalog data.

We make compound and building block library procurement easy!

When you use the Aldrich Market Select Purchasing Solution we take care of all the details of your purchase. Our team takes care of the following key processes:

• Quote and order management – We place and manage multiple supplier orders for your project.
• Custom formatting and packaging – We manage any custom formatting required for your compounds or building blocks.
• International shipping and compliance – We manage any import, export and international compliance documentation necessary for your project.
• Consolidate invoices and supplier payment – We review and consolidate all supplier invoices into one simple payment for the chemistry you receive.
• Post procurement follow-up support – You can depend on Aldrich Customer Support for help if there are any post-delivery questions with your chemistry.

Purchase Only What You Need

By using Aldrich CPR Services, you can request a custom quotation to purchase and package only the amount of material you require for your library. Waste less. Remove waste while saving time and money!

Your “one-stop-shop” to Search, Select, and Purchase synthetic Building Block and Screening Compound Libraries!

To learn more, visit www.Aldrichmarketselect.com

Search

Searching on www.Aldrichmarketselect.com has been made effortless. An exact, substructure, or similarity search can be executed on a structure and lists of products in SDF or SMILES or unique structure IDs may also be uploaded to search. Use pre-search filters to query a range of products to match your criteria.
Select
This website allows you to easily sort and filter lists of compounds by chemical properties, price, quantity, and delivery time to select those exact products that meet your needs. For each structure a line has been highlighted in green signifying the best value based on target quantity and price. All highlighted items can be selected and added to cart or you can go through and custom select items to match your requirements.

Purchase
Aldrich Market Select has a simple check-out process.

1. Once logged into your account you will confirm your contact and shipping information and move forward to providing order packaging requirements.

2. Through Aldrich Market Select you have two options – to have products delivered in supplier provided packaging or utilize AldrichCPR packaging services. AldrichCPR allows you to request custom packaging options such as: targeted weighed quantities, custom vial selection, custom rack/minitube selection, solvation services, and custom labeling services.

3. After one final review products, formatting and additional comments you can finish your order by providing a purchase order/credit card or, if you aren’t ready to purchase just yet, you can request a quote.

Try it today for FREE by visiting, www.Aldrichmarketselect.com
SMALL UNIT PACKAGING

OFFERING PRECISION SMALL UNIT PACKAGING FOR PRESERVING MATERIAL INTEGRITY

Supelco’s Chemical Reference Material Packaging Service provides an economical means to repackaging expensive and sensitive bulk chemical and reference materials into small unit packages. Over 40 years of work experience with environmental, chemical, diagnostics and pharmaceutical industries have resulted in the development of specialized packaging services to help you:

• Meet your packaging and labelling needs
• Increase capacity without increasing headcount
• Reduce costs associated with specialised packaging and distribution
• Preserve material integrity
• Ensure traceability and quality

Facility & Staff

We have a dedicated manufacturing facility, equipment and staff for repackaging most chemical reference materials. Our packaging processes are part of our Quality Management System which is registered to ISO 9001:2000. Every step in the packaging process is documented and a copy of these records is provided to each customer at the end of every project.
Areas of Expertise:
- Calibration standards
- Process and quality control standards
- Pharmaceutical reference materials
- Repository samples
- Single or multi-site method development studies
- "Trial-size" product evaluation samples

Packaging Capabilities:
- Automated ampule filling and sealing
- Inert atmospheric and low light packaging
- Liquids, powders and other solids
  - 0.1 mL – 4 L volumes
  - 25 mg – 2 kg weights
- Ampules, vials and bottles
- Quantities from 10 to 100,000+

Additional Services:
- Chemical sourcing and custom formulation
- Private or OEM labelling and packaging
- Analytical testing
- Documentation supporting audits
- Bar coding and sequential labelling of packaged units
- Worldwide inventory management and distribution

For more information about how our materials repackaging service can help your organisation reduce costs and maximise output, please contact us:
Email: Techserv@sial.com
RETURNABLE CONTAINER PROGRAM

The Sigma-Aldrich green returnable container program offers a simple solution for managing solvents. Reusable containers are the ideal replacement for glass bottles or one way pressed steel drums. This program is designed to fit your needs with a flexible delivery schedule. Containers are capable of storing a broad range of different grades of solvents, from P.A. to high purity solvents.

**Improved Safety**
- Avoid spillages due to bottle breakage
- Reduced fire risk
- Pressure relief device prevents over-pressurization
- Reduce personal exposure to chemicals

**Product Quality**
- Closed system from production to point of use
- No contamination from air or moisture
- Containers dedicated for high purity solvent use
- Consistent quality for larger volumes

**Environmental Sustainability**
- Containers are reusable
- No waste of empty bottles
- No need for additional packaging such as cartons and polystyrene

**Economical**
- Minimize extra costs for disposal of contaminated bottles
- Reduced warehousing costs
- Containers require up to 50% less space than equivalent volumes in glass bottles

**Efficient Logistics**
- Reduced handling of materials
- Direct supply to central supply systems
- Direct instrument connection available (synthesizers and HPLC machines etc.)
- Reduced changeover times of bottles or containers

For more information on the returnable container program and our specifications for the US and Europe, visit sigma-aldrich.com/returnable-containers
CUSTOM FILLING AND PACKAGING

Unrivaled Flexibility with Customized Filling and Packaging with over 20 million units packaged per year, Sigma-Aldrich can accommodate the market’s heightened quality expectations, increasing regulatory and labeling requirements, and customized packaging requests. Our knowledge spans across 167,000 different chemicals and reagents packaged in a safe and compliant manner. Sigma-Aldrich can exceed customer quality expectations with customized packaging solutions.

Packaging Formats Include:
- Ampules
- Boxes
- Drums
- Bags
- Cans
- Cylinders
- Bottles
- Returnable Containers

Our Service:
- Down packaging to custom amounts (mg to tons)
- Automated Solid filling
- Automated Ampule filling
- Humidity controlled filling rooms
- Glove box filling stations
- Automated liquid filling

Key Packaging Capabilities:
- Air sensitive materials
- Sterile filtration
- High purity materials
- Suspension
- Hazardous chemicals
- Blending
CUSTOM AND BULK PRODUCT CAPABILITIES

Accelerate development from simple purification methods to multi-step custom synthesis issues, your manufacturing program will be placed with experienced project teams that understand your scale, quality and custom requirements. Our organic and biochemical manufacturing chemists work efficiently in a wide range of certified manufacturing sites from ISO 9001, ISO 13485 (Medical Device), 21CFR110 or EC178/2002 & EC1334/2008 (US Food and EU Food & Flavor Regulations) and FSSC 22’000 Food Certification.

SIGMA-ALDRICH’S UNPARALLELED EXPERTISE INCLUDES:

- Extensive range of chemical and biochemical synthesis capabilities
- Broad inventory of key starting materials
- Over 50,000 manufacturing procedures on file
- 38 global manufacturing sites
- Proven technology transfer processes
- Project Management that keeps project on track
CUSTOMER SERVICE AND TECHNICAL SUPPORT

TECHNICAL SERVICE

Sigma-Aldrich’s commitment to our customers includes the unrivaled scientific knowledge and expertise to support over 200,000 products in our ever-expanding portfolio of products. Our global technical service teams are ready to provide you with the product information you need to accelerate your success and assist you with your questions including:

- Pre- and post-sale product enquiries
- Application information
- Method development
- Troubleshooting
- New product and new technology awareness

Our technical service teams conduct a “scientists assisting scientists” approach, with many of the team holding advanced degrees in a multitude of areas, in order to provide you with an effortless technical support experience.
CUSTOMER AND SALES SERVICES

Our Customer and Sales Services Teams aim to provide first-class service to all of our customers, offering support through each step of the ordering process and bringing value added services and solutions.

Automated Order Confirmations by Email
Set up of automatic email order confirmations, giving you the confidence and peace of mind that your order has been received and processed correctly.

Call Off Orders
Set up of standing orders for those customers with regular requirements and have specific batch.

Web Orders
If you experience issues while placing orders through our website, you can give our customer and sales services team a call to address your concern.

Quotations and Agreements
Quotation for customer requests which guarantee the price for the validity of the quotation. They can also review the quote requirements and re-new pricing at the correct time.

Product Availability
Seek alternative pack sizes or products when items are unavailable from stock. This reduces backorders and provides alternative supply options.

Samples–Reservations
Handling your sampling and reservations inquiries, while working in alignment with our Sales Management teams.

Back Order & Pending Order Reports
Generation of reports for the management of your orders. By creating these reports we are able to track products not immediately available or blocked orders and offer alternative products and pack sizes where appropriate.

Complaints Management
Assistance with any discrepancies or problems you may have regarding your orders and provide quick resolutions.

Material Change Control and Management Services
For manufacturing customers, establish security of supply you need when purchasing our products for use in manufacture.

Contact us today! Your country specific address and telephone number can be found on the back of this brochure or visit sigma-aldrich.com
Providing a safe environment for your employees, researchers and communities through access to chemical safety and regulatory data is imperative. Keeping current with ever changing Environmental Health & Safety (EH&S) regulations for your chemical inventory can be a challenge. Sigma-Aldrich has built an extensive library of Chemical Safety and Regulatory Data (CSRD) to help ensure your safety when working with chemical products.

**WHAT IS CSRD?**

A comprehensive set of high quality chemical safety and regulatory data that can be easily downloaded into your existing database. The data covers more than 500,000 products and includes:

- Simple and secure delivery using Sigma-Aldrich’s server
- Quarterly updates to account for changing regulations and requirements
- Ability to create customized data based on customer’s requirements
**Advantages of using Sigma-Aldrich CSRD**

**Quality**
- Sigma-Aldrich sources and validates all CSRD in-house
- Expert product information and regulatory compliance teams on-site

**Expertise**
- Sigma-Aldrich manufactures chemicals and understands the data required
- Team of professionals to interpret regulatory requirements

**Convenience**
- Compliance, Regulatory, and IS service and support available
- Data can be directly downloaded into customer database

Our Chemical Safety and Regulatory data is provided in a standard format that can be easily handled by your existing chemical inventory and purchasing software, and is provided under strict confidentiality agreements to protect the integrity of our valuable data. If you require a customized data set, let our team of experts work through your list of requirements. Available data points include:

**SAFETY RESPONSE**
- First aid
- Potential health effects

**PHYSICAL PROPERTIES**
- Melting point (°C)
- Boiling point (°C)
- Flash point (°C)
- Density (g/cm³)
- pH
- Molecular weight

**HANDLING AND STORAGE**
- Personal Protection
- Storage Recommendations

**CHEMICAL COMPOSITION**
- Component name
- Component CAS number
- w/w % of components

**CHEMICAL IDENTIFIERS**
- Chemical name
- Sigma-Aldrich Catalog number
- CAS number
- Chemical formula
- Synonyms
- SMILES
SAFETY AND TRADE REGULATIONS

United States
• GHS (according to 29 CFR 1910.1200)
• HMIS III
• NFPA 704
• NFPA 30
• ICC Building Code Hazard Classifications
• DEA Listed and Controlled Substances
• DHS Chemicals of Interest
• EPCRA 302 (TPQ)
• EPCRA 304 (RQ)
• California Proposition 65
• DOT Shipping Information

European Union
• GHS (according to (EC) No 1272/2008)
• REACH Registration Number

Canada
• WHMIS

International
• GHS (according to UN “Purple Book”)

For more information, contact us at ehsservices@sial.com, or visit sigma-aldrich.com/ehs-service

CUSTOM MSDS AUTHORING

You’ve created the product and are ready to go to market, but do you have the correct safety data that you need to ensure compliance? Keeping current with the ever changing global Environmental Health & Safety (EH&S) regulations can be challenging.

Strategic Service Solutions from Sigma-Aldrich offers a Custom MSDS Authoring service to researchers, manufacturers, distributors and others requiring Material Safety Data Sheets (MSDS) for product stewardship and workplace safety.

Our Custom MSDS Authoring service provides direct access to our team of MSDS authors who are trained experts with extensive experience writing thousands of MSDSs. In addition, our team of MSDS authors have access to Sigma-Aldrich’s vast scientific databases, providing broad and up-to-date safety information for each MSDS we create.

What you can expect:

Customization
Every request is customized to your exact requirements. Each MSDS draft is sent to you for approval prior to final issue.

Confidentiality
Information provided to Sigma-Aldrich is handled in strict confidence.
Time Saving
Intrinsic knowledge allows for faster turn around so that your product can reach markets faster.

Cost Saving
Our team of EH&S experts are up-to-date on global regulations so you don’t have to keep up with the learning curve.

Global Perspective
Our team can translate our work into over 30 languages while providing global support from our country office locations around the world.

Risk Management
You will receive the most current regulatory information.

Compliance with Regulatory Information:
• REACH Regulations
• Regulation (EC) No. 1272/2008 (CLP)
• Globally Harmonized System
• WHMIS
• OSHA
• HMIS III
• TSCA
• NFPA 704

For more information, visit sigma-aldrich.com/s3

Additional Services From Our EH&S Suite Include:
• Laboratory Safety Audits
• Chemical Safety and Regulatory Data
• Virtual Safety Classroom Training

Sigma-Aldrich offers a global depth of scientific knowledge, first-class service and best practices that help us operate with a world-class and industry leading safety record year after year.
SUPPLY CHAIN AND GLOBAL DISTRIBUTION

Sigma-Aldrich® is committed to providing logistics solutions for all of our customers. We offer same day shipment as a standard for all customers and orders.

With a total worldwide warehouse footprint of over 200,000 m² and more than 8 million units in stock we have a product availability of 96% of all incoming order lines. We partner with the world’s leading logistics suppliers to provide reliable, flexible and customer-driven solutions in full compliance with all current hazardous goods regulations.

• Even with the largest product offering in the industry of nearly 200,000 products, we focus on high availability ensuring that the desired product can be shipped same day from one of our US or EU warehouses. This ensures your security of supply.

• Our flexible systems allow for the ability to ship same day or just in time to ensure that our customers have our products available exactly when needed.

• Our advanced systems and website always have real time product availability information or customers may contact our Customer & Sales Service departments.
WEB AND iPAD TOOLS

- HPLC Method Transfer Calculator | FREE
- Bioanalytical | FREE
- The Aldrich Handbook of Fine Chemicals | FREE
- Molarity | FREE
- ConvertUnits - The Scientific Unit Converter | FREE

Check on our Mobile Apps – Visit sigma-aldrich.com/mobileapps

- LabTimers | FREE
- Pubget | FREE
- Innovative Analytical Products from Supelco and Fluka | FREE
- Predictive Tools for ADME and Toxicology Studies | FREE
- Aldrichimica Acta | FREE

Check on our In-Site Web Apps – Visit sigma-aldrich.com/toolbox

- Food Testing | FREE
- Material Matters | FREE
- Quality | FREE
- Mycotoxin | FREE
- Oligonucleotide Synthesis | FREE