

Specialty Biocides 2012: Database

To Be Published 2nd Quarter 2012

Base Year: 2011

Regional Coverage

United States

Europe

Japan

China

India

Brazil

Mexico

Specialty Biocides 2012: Database is an interactive database containing data on over 100 specialty biocides in key regional markets. Data is presented in several different views, including supplier, biocide type, and application, and will help answer key questions such as:

- What are the sales of biocides by supplier and end-use application in each region?
- Which suppliers are active in key applications, and which biocides are they supplying?
- What is the historical consumption of biocides for each end-use application?
- What are the average prices of various biocides by application?
- What is the forecast consumption in 2016 by application and biocide?

The database includes seven classes of specialty biocides in 16 major end-use applications.

Database Features

Specialty Biocides 2012: Database is a comprehensive database that provides historic specialty biocides data and includes five-year forecasts. Data contained within the database is sourced from our Global Specialty Biocides report series; however, 2011 data will be sourced specifically for the purpose of the database.

Specialty Biocides 2012: Database captures over 100 specialty biocides in total. The interactive functions of the database will allow users to customize views according to supplier, biocide, and application.

Table 1: Regional Data

Region	Historic data	Base year	Forecast data
United States	2000, 2004, 2008, 2009	2011	2012-2016
Europe (EU-27)	2000, 2004, 2008, 2009	2011	2012-2016
Japan	2004, 2007, 2009	2011	2012-2016
China	2004, 2007, 2009	2011	2012-2016
India	2007, 2009	2011	2012-2016
Brazil	2009	2011	2012-2016
Mexico	2010	2011	2012-2016

NOTE: 2011 data to be added on launch of this database.

Table 3: Application Segmentation

Industrial preservation

- Adhesives and sealants
- Antifoulant marine coatings
- Metalworking fluids
- Paints and coatings
- Plastics and resins
- Synthetic latex polymers

Water treatment

- Cooling water
- Paper
- Oil and gas
- Recreational water

Other applications

- Animal biosecurity
- Aquaculture
- HI&I cleaning products
- Leather
- Wood preservation

Table 2: Product Segmentation

Major product group	Examples include:
HALOGENATED BIOCIDES	
1. Chlorinated	Chloroisocyanurates Chlorothanonil Lithium hypochlorite, etc.
2. Brominated	Sodium bromide DMDM hydantoin 2-Bromo-2-nitropropane-1,3-diol (BNPD), etc.
3. Iodine-based	Iodophors 3-Iodo-2-propynylbutyl carbamate (IPBC), etc.
INORGANIC BIOCIDES	
	Cuprous oxide (Cu ₂ O) Chromated copper arsenate (CCA) Copper Hydroxide (Cu(OH) ₂) Borates, etc.
NITROGEN-BASED BIOCIDES	
	Quaternary ammonium compounds (quats) Triazines Tetrakis(hydroxymethyl) phosphonium sulfate (THPS), etc.
PHENOLIC BIOCIDES	
	Pentachlorophenol (PCP) Phenoxyethanol o-Benzo-p-chlorophenol (OBPC), etc.
ORGANOMETALLICS BIOCIDES	
	Copper naphthenate (CuN) Copper thiocyanate (CuSCN) Bis-(N-cyclohexyldiazoniumdioxy)-copper (Cu-HDO) 10,10'-Oxybisphenoxarsine (OBPA), etc.
ORGANOSULFUR BIOCIDES	
1. Isothiazolinones	5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (CIT/MIT) 1,2-Benzisothiazolin-3-one (BIT), etc.
2. Pyrithiones	Zinc-2-pyridinethiol-2-oxide (ZPT) Sodium-2-pyridinethiol-2-oxide (NPT), etc.
3. Thiocyanates	Methylenebis(thiocyanate) (MBT) 2-(Thiocyanomethylthio) benzothiazole (TCMTB), etc.
MISCELLANEOUS BIOCIDES	
	Polyhexamethylene biguanide (PHMB) Glutaraldehyde Peracetic acid, etc.

NOTE: Examples only, the database contains over 100 specialty biocides.

Functionality and Benefits

Specialty Biocides 2012: Database is easy to use and is accessible online by anyone in your organization from any enterprise location where biocide demand data is needed. A subscription to *Specialty Biocides 2012: Database* includes enterprise-wide access using a single account code and password. Data can also be exported to Excel format from the online interface.

Specialty Biocides 2012: Database is a practical tool to empower sales, marketing, and strategic management personnel to utilize the most current biocide demand data in their areas of responsibility and geographic locations. It will help business and product managers to identify and understand biocides consumption trends and make a comparative assessment of biocides in specific end-use applications. It will also help them to benchmark their company's presence in each product category against their competitors and will aid them in shaping a growth strategy for the long term.

The image displays two screenshots of the Specialty Biocides 2008 Database Service interface. The top screenshot shows a search for Chloroisocyanurates in Japan, with a table of results including suppliers like Nippon Soda and Nissei Chemical Industries. The bottom screenshot shows a search for USA market data, with a table of results including suppliers like Teitzner and DOW.

Specialty Biocides 2008 Database Service

Application View | Supplier View | Product View

Search: Constant | Current | Edit | Metric tonnes | Sales (Volume) | Your Selection(s)

Sales of Chloroisocyanurates in Japan country(s) By Supplier and End Use, 2004 Year(s)

Country	Supplier	Application	Sales2004
Japan	Nippon Soda	Water Treatment: Recreational	120.0
Japan	Shikoku Chemicals	Water Treatment: Recreational	900.0
Japan	Nissei Chemical Industries	Water Treatment: Recreational	900.0
Japan	Nankai Chemical Industry	Water Treatment: Recreational	100.0

Specialty Biocides 2008 Database Service

Application View | Supplier View | Product View

Search: Constant | Current | Edit | Metric tonnes | Sales (Volume) | Your Selection(s)

Sales of USA country(s) market by Supplier and Product, 2000 Year(s)

Country	Supplier	Product Type	Product Category	Product	Sales2000
USA	-	Halogenated	Brominated	Teitzner	327.0
USA	-	Organosulfur	Isothiazolones	BIT	60.0
USA	-	Organosulfur	Isothiazolones	CIIT	7.0
USA	-	Organosulfur	Isothiazolones	GIT	40.0
USA	-	Organosulfur	DIO	DVO	270.0
USA	-	Phenolics	OPP	OPP	260.0
USA	-	Nitrogen-Based	Triazines	Triazines	533.0
USA	-	Nitrogen-Based	Dowidol	Dowidol 75	120.0
USA	-	Others	Others	Others - Unallocated	70.0
USA	-	Halogenated	Iodine-based	DMTS	60.0
USA	-	Halogenated	Iodine-based	IBC	72.0
USA	-	Organometallic	OBPA	OBPA	3.0
USA	-	Organosulfur	Pythiones	ZAPT	10.0

Total by: Country | Supplier | Product Type | Product Category | Product

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Specialty Biocides 2012: Database features the FutureView forecasting tool, which allows users to easily change variables to run various "what if" demand scenarios that will help shape business strategy development.

Methodology

Kline is unmatched in our ability to gather hard to get market and competitive intelligence with a high degree of confidence. Kline's market analysis approach places the principal emphasis on primary research techniques to ensure that the foundation of business intelligence and insight is accurate and reliable.

This service leverages our contacts in the industry to capture insights and information from a wide range of industry experts. This analysis will be supplemented by secondary research drawn from the review of suppliers' product literature; a search of recent trade and technical literature; Internet sources; and analysis of statistical data from government, industry, and trade associations and agencies.

Kline Credentials

Kline is a worldwide consulting and research firm dedicated to providing the kind of insight and knowledge that helps companies find a clear path to success. The firm has served the management consulting and market research needs of the organizations in the chemicals, materials, energy, life sciences, and consumer products industries for over 50 years.

Kline's research and consulting services have helped clients develop better ways to create and profit from new business opportunities, respond to competitive and economic threats, improve productivity, achieve sustainable growth and optimize performance. Kline provides clients with facts, forecasts, and recommendations based solidly on the realities of the market.

Our market research reports and services are designed to provide subscribers with a deeper understanding of their markets, an outlook for their business, and accurate information about their competitors. Our clients tell us they often use Kline's market research to validate their own internal analysis, and many clients rely on Kline reports as their most critical source of information.

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- Specialty Biocides: Brazil
- Specialty Biocides Database 2008
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- Specialty Biocides: A Global Series of Regional Market Analyses 1st Edition
- Specialty Biocides: Brazil Market Analysis and Opportunities
- Specialty Biocides: Mexico Market Analysis and Opportunities
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