



A technical ingredient to activate smoother operations,
assure compliance and empower growth

BatchMaster ERP for Specialty Chemical

'BatchMaster for Specialty Chemical' is tailor-made ERP for manufacturers that produce adhesives, agrichemicals, cleaning materials, cosmetic additives, construction chemicals, elastomers, fragrances, industrial gases, lubricants, polymers, surfactants, and texture auxiliaries. It is one complete solution built on the strong foundation of SAP Business One that enables manufacturing cost-effective products of high quality. It streamlines all processes of Specialty Chemical manufacturing, be it procurement from certified vendors, inspecting multi-level production and synthesis process, to physical processing & packaging. The software even understands purification and safe disposal of impurities as well as efficiently manages by- products.

The makers and distributors of Specialty Chemicals can instantly track their products across the entire supply chain ensuring Bi-directional traceability. It fulfills all the documentation requirements of FDA that include, purchases and sales, Manufacturing Batch Records, contracts needed for all outsourcing partners, CAPA (corrective and preventive action) and such. On the business front, the system performs granular level accurate product costing and robust planning, plus scheduling to ensure availability of the right material in manufacturing, thus reducing wastage and costs. Access to the real-time information in a single system means you can make smarter business decisions, faster and better!

Modules:



Contract Manufacturing

Collaborate, monitor and share information between contracting and contract manufacturing company. Efficiently calculates service, labor and production charges. Offers In-depth visibility and complete traceability of inventory received from different customers.



Formulation

Have complete formula security with Audit Trail and Approval workflow as per regulatory requirements. Define manufacturing instructions and QC tests for in-process intermediates. Have complete traceability and cost-incurred for purification and safe disposal of wastes. Define multiple fill and packaging sizes for the products with same formulation.



Product Costing & Service Charge Calculations

Granular costing and complete accounting of product and catalysts involved. Evaluate losses incurred because of degradation products and impurity removal. Use 'what-if' analysis and various costing methods for increased margins.



Quality Control / Quality Assurance

Define QC tests per cGMP norms like quarantine, release and reject. Capture batch manufacturing activities and electronic execution of SOPs with date and time stamping for data integrity. Have safe handling of materials with SDS for safety of employees and transportation. Stability and retainer sample management with complete traceability. Dedicated module to handle all complaints, returns and recalls.



Planning (MRP/MPS) and Scheduling

Minimize inventory and utility costs with assurance that there will be no shortages during production; direct transfer of MPS/MRP orders to purchase and production. Use real time information about demand/supply for purchase discounts and optimization of batch production schedules.



Production

Streamlines all stages of specialty chemical manufacturing be it chemical or bio-synthesis right from starting material, intermediates, their isolation & purification, to physical processing and packaging. Maintain consistent quality standards through Rework on batches, if needed. Be competitive by ensuring that the actual yields are within profitable ranges. Equip yourself with best quality tools like NC/CAPA and deviation management for compliance with regulatory requirements. Clear-definable stages and their association with process-cells for best use of available equipment. Associate labors and other cost centers with formula and batches for accurate costing. Auto-resizing of the batches based on the availability of materials.



Inventory

Definition and classification of inventory as starting materials, By-products, intermediates, reagents, ligands, catalyst, impurities, etc. Manage inventory based upon costing, quality status, units of measure, expiration date, distinctive lot code, strength, serial number and location to ensure the right inventory is available for manufacturing and distribution activities. Avoid cross contamination by quality status and lot tracking. Run real time inventory valuation, availability checks, standard and special pricing to take the best use of available resources. Also track and control materials to be reprocessed or reworked.



Purchasing

Create purchase requests, purchase orders and view document trails. Manage returns, account balance, purchase analysis with price lists and tax information. Supplier management and cGMP material purchase from item specific vendors. Achieve real-time synchronization of goods receipts and inventory warehouse levels.



Mobile / Warehousing

Employ handheld RF devices to execute material movement and adjustments within one or more facilities, including receiving, put away, and cycle counting, WIP, pick, pack, and ship tasks.



Sales and Customer

Track opportunities, create and manage sales quotation and samples. Analyze marketing activities; turn prospects into customers plus increase sales and profitability. Manage warranty, and contracts to improve customer satisfaction.



Traceability & Compliance

Be compliant with industry-specific federal regulations of labeling, specifications, lot traceability, FDA 21 CFR part 11 and adverse event reporting. Create standard or customized reports from real-time data of release/reject, on hold, scrap material and vendor non-conformances.



Accounting and Finance

Streamline your financial operations by maintaining ledger, journal entries, tax calculations, multicurrency transactions and banking activities. Manage cash flow, track budgets and compare actuals versus plans to see where your business stands at a moment's notice. Integration of financial operation in real time with other business processes, e.g. purchasing and sales to improve visibility into cash flow.



Reporting and Administration

Gain real-time access to predefined dashboards and Microsoft Office, SAP Crystal Reports, as well as productivity tools to support decision making. Configure settings to define exchange rates, set authorization parameters, and create, import and export functions for internal mail, e-mail, and data.

Why BatchMaster Manufacturing for SAP Business One?

- Streamlines complex Specialty Chemical manufacturing, synthesis, purification and disposal
- Meeting compliance guidelines as per WHO, GMP, cGMP, FDA, etc.
- Helps produce cost effective goods of high quality
- Helps improve margins by reducing operations costs and interim losses
- Be assured that goods produced are of good quality
- Reports & dashboards to operate more efficiently, predictably and more profitably
- A solution built on the sound foundation of SAP Business One platform with process manufacturing functionalities contributed by embedded BatchMaster Software
- Proven rapid model for deployment
- Respond quickly to customer needs

BatchMaster Manufacturing for SAP Business One provides:

- Ideal for Contract manufacturing and loan licensing
- Granular level accurate product costing with various costing methods and 'what-if' scenarios
- Robust planning, scheduling (MRP and MPS) modules and mobile execution
- Formula security, formula version control with time stamping and formula approval
- Electronic BMR system, Non-conformance, CAPA and Adverse Event Reporting.
- In-depth Bi-directional Traceability
- Sampling plan, stability testing, recording of batch monitoring activities and SOPs.



For more information please contact:

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