

SVC: A Leader in Agrochemical and Specialty Chemical Manufacturing



Ahmedabad, Gujarat Nov 25, 2024 ([IssueWire.com](https://www.IssueWire.com)) - SVC: A Leader in Agrochemical and Specialty Chemical Manufacturing

As one of the premier agrochemical manufacturers in India, SVC is committed to delivering innovative and sustainable solutions for the agricultural sector and various other industries. With a diverse range of products that cater to the unique needs of crop protection, construction, pharmaceuticals, home care, and more, SVC has earned a reputation for quality, reliability, and technical excellence. Let's explore SVC's offerings and how they contribute to industry advancements.

Revolutionizing Agriculture with Advanced Agrochemicals

The agrochemical industry is vital to global food security, and SVC plays a crucial role by developing active ingredients and additives designed to protect crops from weeds, fungi, pests, and other threats. At SVC, we go beyond basic formulations, offering speciality emulsifiers and adjuvants that ensure the efficient delivery and performance of active ingredients, making agricultural products safer, more effective, and complex.

Key Agrochemical Formulations by SVC

- **Adjuvants:** SVC's adjuvants enhance the efficacy of crop protection products. By modifying the properties of the spray solution, these agrochemicals improve the active ingredient's ability to penetrate and target organisms. Adjuvants can be built into formulations or added separately as tank mix applications, offering flexibility to farmers and agrochemical manufacturers.
- **Emulsifiable Concentrates (EC):** An EC formulation comprises an active ingredient dissolved in a solvent with emulsifiers. When mixed with water, it forms a stable emulsion, ensuring precise and uniform application on crops. SVC's non-ionic emulsifiers stabilize the oil-water mixture, facilitating better pest control and minimizing environmental impact.
- **Suspension Concentrates (SC):** These are solid active ingredients dispersed in water, offering benefits like dust-free handling and ease of use. SVC's SC formulations incorporate adjuvants, wetting agents, and polymeric dispersants to enhance bioavailability and ensure a stable suspension. This makes SCs an excellent alternative to traditional wettable powders.
- **Micro Emulsions (ME):** MEs are transparent, thermodynamically stable systems with very small droplet sizes, typically between 0.01 and 0.05 μm . These formulations are highly stable over a wide temperature range, preventing phase separation and ensuring consistent application efficacy.
- **Oil Dispersions (OD):** Ideal for water-sensitive active ingredients, OD formulations offer better spray retention and foliar uptake. Emulsifiers in OD formulations are carefully selected to emulsify the oil phase into water, ensuring efficient and effective pest control.
- **Suspoemulsions (SE):** SE formulations combine two active ingredients with different physical properties into one, broadening the spectrum of activity and eliminating tank-mix incompatibility. This innovative technology allows for more efficient pest and disease control.
- **Water Dispersible Granules (WDG):** WDGs are dust-free granules that disperse quickly in water to form a fine suspension. They are a preferred choice over wettable powders, reducing dust and providing a highly concentrated, easy-to-use formulation.
- **Wettable Powders (WP):** WP formulations consist of active ingredients mixed with surfactants and inerts. When added to water, they form a suspension that can be easily sprayed. SVC's surfactants ensure proper wetting and dispersion, providing effective crop protection.
- **Soluble Powders (SP/WSP):** These formulations dissolve completely in water to form a true solution. With high active content, soluble powders eliminate the need for constant agitation, offering convenience and efficiency for agricultural applications.

Specialized Products for the Agrochemical Industry

SVC's Agrochemical Division offers an array of products, including:

- **Emulsifiers for EC, SC, ME, OD, SL, WP, and WDG formulations**
- **PEGs and PG**
- **Fatty Alcohol Ethoxylates and Fatty Amine Ethoxylates**
- **Alkyl Phenol Ethoxylates and EO/PO Copolymers**
- **Natural Oil Ethoxylates, Dispersing Agents, and Speciality Wetting Agents**

Expanding Horizons: Construction and Ceramics

SVC's expertise extends beyond agriculture to the construction and ceramics industries. Our chemical solutions are tailored to improve efficiency, durability, and performance in applications such as cement grinding, mortar plasticization, and concrete flow control.

Cement and Concrete Industry

- **Cement Industry Additives:** SVC manufactures non-ionic strength and grinding aid additives that enhance the efficiency of cement production.
- **Concrete and Gypsum Additives:** Products like alkyl phenol ethoxylates act as mortar plasticizers, improving workability and strength. Alcohol alkoxylates serve as foaming agents, while methyl PEG glycol esters function as water reducers and de-foamers.

Ceramics Industry

- **Polyethylene Glycols and Glycol Ethers:** These chemicals are used as solubilizers and surface finish additives in ceramic tile printing, ensuring high temperature stability and superior performance.

SVC's Construction and Ceramics Division provides:

- **Alkyl Phenol Ethoxylates, Alcohol Ethoxylates, and Foaming Agents**
- **Polyethylene Glycols and Specialty Defoamers**

Pharmaceutical Excellence

SVC also caters to the pharmaceutical industry, producing ethoxylates, esters, and castor oil derivatives for applications like solubilizers, emulsifiers, and cream bases. Our pharmaceutical-grade products comply with stringent regulatory standards, ensuring safety and efficacy.

Key Pharmaceutical Products

- **Castor and Hydrogenated Castor Oil Ethoxylates**
- **Polyethylene Glycols (200-4000 molecular weight)**
- **Polysorbates and Glycol Ethers**

These products are essential in creating stable formulations, enhancing the effectiveness of oral and topical medications.

Home Cleaning Solutions

SVC's specialty chemicals for home and institutional cleaning include performance additives for laundry detergents, dishwashing liquids, and surface cleaners. Our acid thickeners, pine-oil emulsifiers, and de-greasing agents are engineered to deliver superior cleaning power while being environmentally friendly.

Product Highlights for Home Cleaning

- **Fatty Alcohol and Alkyl Phenol Ethoxylates**
- **PEGs, Acid Thickeners, and Pine-Oil Emulsifiers**
- **Customized De-greasing Agents for Industrial Cleaning**

Paints and Emulsions: Innovation in Coating Technologies

SVC's surfactant division provides essential ingredients for the paints and emulsions industry, including dispersing agents, rheology modifiers, and non-silicon defoamers. Our products are crucial for emulsion polymerization processes, ensuring stability and uniformity in paints and coatings.

Key Products for Paints and Coatings

- **Non-Ionic and APEO-Free Emulsifiers**
- **EO/PO Copolymers and Natural Oil Ethoxylates**
- **High-Performance Dispersants and Defoamers**

Our focus on high HLB emulsifiers ensures that paint formulations remain stable under varying conditions, delivering consistent results and enhanced performance.

Textile Industry Solutions

SVC's Textile Chemical Division offers a comprehensive range of emulsifiers, wetting agents, and softeners tailored for textile processing. Our products facilitate efficient dyeing, finishing, and lubrication, ensuring high-quality textiles.

Products for Textile Applications

- **PEGs, Fatty Alcohol Ethoxylates, and Alkyl Phenol Ethoxylates**
- **Wetting Agents, Dye Fixers, and Non-Ionic Softeners**
- **Spin Finish Oils and Coning Oils**

Our SHRITEX and SHRISOFT series of textile chemicals are designed to enhance fabric quality, improve dye fastness, and provide a luxurious feel to finished garments.

Personal Care and Cosmetics: A Touch of Innovation

SVC offers a wide range of ingredients for personal care and cosmetic formulations. Our hydrogenated castor oil ethoxylates, PEGs, and fatty alcohol ethoxylates are used as emulsifiers, solubilizers, and emollients in shampoos, creams, and lotions.

Key Ingredients for Personal Care

- **Natural Oil Ethoxylates and Polysorbates**
- **EO/PO Copolymers and Emulsifying Waxes**
- **Fatty Acid and Alcohol Esters for Skin Conditioning**

These products ensure that personal care items are effective, gentle on the skin, and environmentally friendly.

SVC continues to lead the way in specialty chemical manufacturing, offering innovative solutions across multiple industries. Our commitment to quality, sustainability, and customer satisfaction drives us to develop products that enhance efficiency, safety, and performance across various applications.

For getting more information about Shree Vallabh Chemical, Visit us at - <https://www.shreechem.in/>



Media Contact

Shree Vallabh Chemical

info@shreechem.in

+ 91 8849453471

1011/1012/1012A, Palak Prime, Opp Hotel DoubleTree By Hilton, Iscon - Ambli Road

Source : Shree Vallabh Chemical

[See on IssueWire](#)