

July 26, 2004

What is a biobased product?

Definition used by Biobased Manufacturer's Association

- Relies on plant or animal materials as the main ingredient.
- The plants or animals utilized are a renewable resource.
- With some exceptions, generally do not contain synthetics, toxins or environmentally damaging substances.

What is a biobased product?

Definition used for Federal Biobased Product Preferred Provider Program (FB4P)

"A product determined by the Secretary to be a commercial or industrial product (other than food or feed) that is composed, in whole or in significant part, of biological products or renewable domestic agricultural materials (including plant, animal, and marine materials) or forestry materials."

Benefits of Biobased Products

- Generally healthier and safer for the user
- Generally healthier for the environment
- Reduced dependence on imported oil (especially from the Middle East)
- Generally helpful to the U.S. economy
- Extremely helpful to the rural economy

A Stronger, Safer, Cleaner and Healthier America!

Biobased products fall into three broad categories:

- **Biofuels** (oils, biodiesel, ethanol)
- **Biochemicals** (specialty chemicals such as paints, inks, surfactants, polymers, lubricants, solvents, and plant-made pharmaceuticals)
- **Biomaterials** (fiber products, lumber, leather, processed foods, laminates, roofing, plastics, insulation, etc.)

BMA biobased product subclasses:

- Absorbents/Adsorbents
- Activated carbon
- Adhesives
- Ag chemicals
- Fibers, bonded fabrics, textiles
- Fuels & fuel additives
- Construction and composite materials
- Cleaning chemicals, surfactants, soaps, detergents
- Foods, beverages, nutrients
- Gases & vapor technology
- Paper and paper products
- Fertilizers & compost
- Inks, dyes, pigments
- Landscaping materials, soil amenders and remediation
- Lubricants, rust inhibitors, functional fluids
- Oils, waxes and binders
- Packaging
- Personal consumer items
- Pharmaceuticals and nutraceuticals
- **Solvents & Cleaners**
- Specialty chemicals, fatty acids and acetic acids
- Water & wastewater treatment

Solvents & Cleaners

- Asphalt equip. cleaner
- Waterless hand cleaners
- Graffiti cleaners for glass, brick, concrete and metal
- Cleaners for polyurethane equipment and lines
- All purpose cleaners
- Adult shampoos & soaps
- Carpet shampoos
- Anti-allergen sprays
- Filter cleaners
- Fruit & vegetable washes
- Dishwasher and laundry detergents
- Mold, fungus, mildew cleaner
- Bath & shower gels
- Carpet spot removers
- Mastic removers
- Industrial parts washing fluids
- Textile and dyeing equipment cleaner
- Glue, adhesive, paint removers
- Biosolvents for cleaning beaches of oil spills
- Ink haze removers
- Reusable carburetor and parts cleaner
- Waterless electronic component cleaners
- Glass cleaners
- Fabric softeners
- Floor cleaning products
- Disinfectants
- Tub & tile cleaners
- Printing equipment cleaners
- Oil & grease emulsifiers
- HVAC cleaners
- Wood, leather, vinyl cleaners
- Ink removers
- Lip balms
- Trap and drain cleaners
- Fabric stain removers
- Oven cleaners
- Glass, fiberglass polishing agents
- Marine hull & cargo hold cleaners
- Hand creams & lotions
- Kitchen & bath cleaners
- Metal cleaners
- Concrete structure cleaners
- Char, grease and burnt residue cleaners