



Testing & Certification Data

Vivesan's high-tech formula and manufacturing process has been selected for use by many organizations. Includes Federal agencies, educational institutions, and laboratories.

GSA and DOD Procurement List

Presidential Executive Order #13148 required all Federal and State agencies to eliminate 50% of their toxic cleaners by 2006. [Public law 107-171-May 13, 2002 Farm Security and Rural Investment Act of 2002](#) establishes requirements for Federal agencies to implement a bio-based purchasing program. Vivesan's formulation has been added to the GSA and DOD procurement list to help satisfy the mandatory Environmentally Preferable Purchasing requirements of Executive Orders [13101](#) and [13148](#) for the Federal Government.

SGS U.S. Testing Laboratory

One of America's largest independent testing laboratories, SGS tested and reported that Vivesan cleaner formula qualified as "Readily Biodegradable," EPA's most prestigious classification.

Iowa State University

"All ingredients contained are approved as Organic Materials as reviewed by Institute for Organic Crop Production." (May 5, 2004 results of Radiocarbon Analysis). The cleaner is 84% bio-based content. "Long term, widespread usage and review of ingredients indicate this product to be generally regarded as a safe (GRAS/EAFUS) product." Product has a 0 (insignificant) Government Hazard Rating.

Effects of acute overexposure to the Cleaner:

- (1) Swallowing - no evidence of adverse effects
- (2) Skin absorption - no evidence of adverse effects
- (3) Skin contact - no evidence of adverse effects
- (4) Affects of repeated exposure - no evidence of adverse effects.
- (5) Eye contact - no evidence of adverse effects
- (6) Inhalation - no evidence of adverse effects.

California South Coast Air Quality Management District

"CONGRATULATIONS. Your product(s) have successfully met all of the requirements for a Clean Air Solvent Certificate from the South Coast Air Quality Management District (AQMD)."

California maintains the world's highest environmental standards. Its Air Quality Management District (AQMD) reported that the Vivesan cleaner formulation contained no GWC's (Global Warming Compounds), VOHAP's (Volatile Organic Hazardous Air Pollutants) or ODC's, (Ozone Depleting Compounds). Its VOC's Level was only 19.6 g/L. It was certified as a "Clean Air solvent."

NSF International

"This product is acceptable for use as a general cleaner (A1) on all surfaces in and around food processing areas." NSF Registration No. 130417 - Approved for food contact surfaces in federally inspected meat and poultry processing facilities.

U.S. Navy

US Navy Environmental Health Center, after extensive study, accepted the Vivesan formulation as "Ecologically Preferable" for use by the USN Fleet in NAVSEA 6640 Approved Cleaning Chemicals.

Miami-Dade Public Schools

In performance tests conducted by the Department of Materials Testing and Evaluation at Miami-Dade Public Schools, Vivesan Cleaner/Degreaser formulation performed at 105% compared to Federal Test Method Standard No. 536A/General Method No. 6701.1.

Davis Analytical Laboratories, Sarasota, Florida

5 drops of a Nano/colloidal solution "produced the same effect as one drop of commercial grade bleach...approximately 2-3 drops of your product would produce the same effect as one drop of 'Clorox'."

State of Vermont

"This product is acceptable for use in dairy operations, consistent with the manufacturer's label directions". July 17, 2004.

Florida Department of Environmental Protection

"hereby accepts [Vivesan formulation] Cleaner for the remediation of petroleum and other contaminants in groundwater and soil, in situ and ex situ." December 2003.

"[Vivesan formulation]...is an organic...solution that emulsifies petroleum hydrocarbon contaminants..."

ViroMed Laboratories

"Under the conditions of this investigation, [the Vivesan formula] (Batch No. 102297), diluted 1+3, 1+7 and 1+10, demonstrated efficacy..."

Notable Achievements

SCHOOLS: Because of its cleaning efficiency and because Vivesan emits neither carcinogens nor mutagens, such as butyl, ethylene oxide, dioxane or phenol fumes that disrupt students mental and emotional stability, this formulation is the "Cleaner of Choice" for many environmentally aware schools.

PRISONS: Because Vivesan is non-volatile and cannot be used by prisoners to cause harm, the Indiana State and Idaho prison systems selected Vivesan formulations.

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