

# GREENEARTH<sup>®</sup> CLEANING FACT SHEET

WWW.GREENEARTHCLEANING.COM

TOLL FREE 877-926-0895

## Composition and Properties

Modified liquid silicone. Clear, odorless liquid. Specific gravity of .95. Chemically inert.

Same base ingredient used in many shampoos and conditioners, skin creams, deodorants and other personal care products.

Flash point: 170°F / Fire point: 190°F / Boiling Point: 410°F

Surface tension: 17.42 dynes/cm at 77°F (25°C)



## Safety and Environmental Benefits

Non-toxic (oral, dermal, inhalation), determined by EPA Study protocol.

Non-Irritating to skin, non-sensitizing. No immunosuppressant effects.

Not regulated by EPA, RCRA, CERCLA or California Prop 65.

Non-VOC. Specifically exempted by EPA.

Listed by EPA as "SNAP" material, a good substance to use in place of ozone-depleting chemicals.



Affirmed by California Air Resources Board as an acceptable dry cleaning solvent alternative, and based on the available exposure information, the use of D<sub>5</sub> in GreenEarth's patented dry cleaning process will not pose a health risk to the public living near businesses using D<sub>5</sub>.

If released to the environment, degrades to sand (SiO<sub>2</sub>) and trace amounts of H<sub>2</sub>O and CO<sub>2</sub>.

Comprehensive independent testing on waste streams and exposure levels. Over 30 million dollars of testing and research confirms that GreenEarth's liquid silicone is ecologically friendly and safe to use.

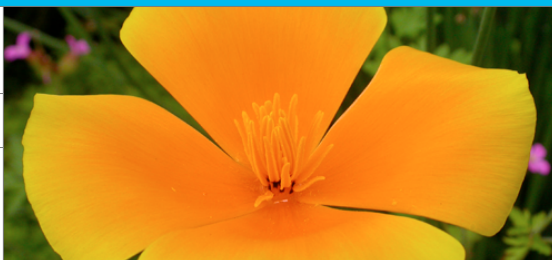
No special permits required; may qualify as alternative technology for special state funding or tax breaks.

## Cleaning, Production and Cost Benefits

Great cleaning: whites and colors. Low surface tension for faster penetration and soil removal. No odor. No shrinkage.

Cycle time: 47-65 minutes in dry to dry Class IIIA machine.

Gentle on all fabrics. No special handling for buttons, trims, sequins or other difficult garments. Significantly reduced claims: fewer damaged garments, fewer assembly errors due to less stragglers.



Not aggressive toward dyes. Mix colors and fabrics, minimal load classification. Full loads. Increased productivity and efficiency.

Soft hand. Very little wrinkling or lint. Static-free. Decreased labor costs: less finishing and sorting time required.

Significantly lower disposal costs. Lower utility costs. Excellent solvent mileage, up to 2,000 pounds per gallon reported.

## License Costs and Benefits

\$2,500 Annual Affiliation fee per machine. Second machine at same location is \$1,250. GreenEarth Cleaning is a patented process. Any dry cleaner using silicone in their dry cleaning machine must have a license from GreenEarth. License also grants rights to the use of GreenEarth's trademarked name and logo in store marketing.

Operational, technical and marketing support. Wide variety of high quality, customizable marketing materials. 24/7 website store locator.

## Equipment Required

Runs in Class IIIA machine, with or without distillation. Filtration system can be cartridge, spin disk, all carbon, powder/clay or Kleen-Rite. Can run in most hydrocarbon machines.

GreenEarth does not sell machines, solvent or detergent. These can be selected from a variety of qualified vendors.