



Sustainable Technology Evaluation and Demonstration (STED) Program

Biobased Brake Cleaner Demonstration



Technology Description

Biobased fast-evaporating solvents used to clean dirt, grease, and contaminants from vehicle and equipment brake components and other metal parts while leaving little to no remaining residue; biobased materials reduce dependency on petroleum-based products.

Potential Impact

- Improve worker health.
- Reduce risk for environmental contamination from spills.
- Improve cleaning efficiency.

Benefits

- Less toxic than traditional brake cleaners; no Hazardous Air Pollutants.
- Substantially higher flashpoint.
- BioPreferred Product Category: expand markets for domestic sustainable products.

Demonstration Sites

- Shaw AFB
- Eglin AFB
- Hurlburt Field
- JBLM
- RRAD
- MCAGCC
- 29 Palms
- MCMWTC
- NASA AFRC
- NASA MSFC
- FBI TEVOC

For additional information please contact:

- osd.mc-alex.ousd-a-s.mesg.dod-sted-program-mbx@mail.mil
- Department of Defense (DoD) Sustainable Products Center (SPC):
<https://www.denix.osd.mil/spc/index.html>



Hurlburt Field Vehicle Maintenance