

ORISON

Blue Juice®

LavFluid

DESCRIPTION

Blue Juice® LavFluid (LF) (formally IceClear LavFluid) represents a new class of environmentally friendly winterized lavatory fluids which includes an SAE AMS 1476B deodorant and is now available with an optional W.H.O. Compliant deodorant package. Blue Juice® LF was designed for aircraft use but is suitable for other market applications including rail, mass transit, marine, recreational vehicle and portable toilets. The patented unique features and benefits of Blue Juice® LF make it an ideal environmentally sensitive alternative to traditional glycol and acetate based winterized lavatory fluids.

Blue Juice® LF is a patented product composed primarily of natural ingredients based on abundant and renewable agricultural feedstock materials that are cost effective and readily available. Blue Juice® LF readily biodegrades in a controlled, environmentally friendly manner.

Unlike ethylene glycol-based fluids, Blue Juice® LF is non-toxic and non-hazardous to plant and animal life. Compared to propylene glycol, Blue Juice® LF has a lower Biochemical Oxygen Demand (BOD) and biodegrades at a rate that is more environmentally friendly and less taxing on waste water treatment systems

Blue Juice LavFluid has been tested and conforms to all SAE AMS 1476 materials compatibility and corrosion requirements.

FEATURES & BENEFITS

High Performance

- Provides long-lasting odor control
- Non-staining dye provides deep-blue color
- Non-corrosive to aircraft metals
- Low freezing point of -22° F(-30°C)
- Meets SAE AMS 1476B materials compatibility and corrosion requirements
- Deodorant Additive Certified to SAE AMS 1476B

Safe To Use

- Non-toxic
- Non-flammable and non-combustible
- No OSHA hazardous components
- Non-corrosive
- Neutral pH
- Pleasant odor

Environmentally Friendly

- No Volatile Organic Compounds (VOCs)
- No Hazardous Air Pollutants (HAPs)
- No SARA Title III reportable materials
- No glycols or alkylphenol ethoxylates
- Bio-based and readily biodegradable
- Low BOD: 25-50% less than PG solution of comparable freezing point

US Patents

One or more claims 5,876,621; 5,980,774; 6,506,318; 6,890,451; 7,270,768 and issued and pending continuations thereof.



GREEN INITIATIVE CHEMISTRY

TYPICAL PROPERTIES

Appearance.....	Dark Blue Liquid
Odor.....	Mild, Pleasant
Specific Gravity	@1.1
Pounds Per Gallon.....	9.6
Flash Point, COC	None
Freezing Point	-22°F(-30°C)
Fluid pH.....	7.0
BOD5, g O2 /g.....	0.39
TOD, g O2 /g	0.64

AVAILABLE QUANTITIES

Blue Juice® LF is supplied in convenient ready-to-use form in 55-gal drums, 275-gal totes, and bulk tank trucks. No mixing is required!!!

BIOBASED!

HMIS	
HEALTH	0
FLAMMABILITY	0
INSTABILITY	0
SPECIFIC	0