

# Product Data Sheet

No. **3399** - 02/12

## LFP CLEANER/DEGREASER HD

AEROSOL AND BULK LIQUID

PRODUCT NUMBERS: 398 - 18 FL. OZ. TRIGGER SPRAY  
399 - 15 OZ. NET WT. AEROSOL

Product number 399 plus letter designation is as follows:

G = 2 one-gallon cans; F = 1 five-gallon pail; D = 50 gallon drum

### I. GENERAL DESCRIPTION

**Description:** A high delivery, fast-drying, industrial strength solvent for cleaning and degreasing. Removes grease, oil, wax, adhesives and other contaminants without leaving a residue. High-pressure spray action combined with unique wetting action, penetrates and degreases in inaccessible cracks and crevices. #398 uses an any-way trigger sprayer for application in any direction, including upside down.

**Benefits:** Aervoe #398 and #399 reduce failures and helps to increase equipment life by eliminating faulty operation of dirty moving parts. Non-corrosive, non-conductive formula that displaces moisture. High dielectric strength of 33 kV. Contains no chlorinated solvents. Although flammable, they are safe to use in non-heat electrical exposure. Does not require water wash-off. With the #398 application in any direction is possible, including upside down and horizontal positions.

**Uses:** Use on motors, tools, machinery, metal parts, mechanical equipment, air conditioners, aircraft parts, automotive parts, bearings, cycle chains, packaging machinery, compressors, generators, portable tools, office machinery, pumps, mechanical brakes and clutches, relays, sporting equipment and solenoids.

**Application: Aerosol:** Spray on and let dry. Do not rinse off. Attach extension tube for pinpoint accuracy with minimum over spray. Test a small area to assure compatibility on painted surfaces, specialty rubber, plastics, and laminates. Not for use on polycarbonate plastics or sensitive electronic equipment. For best flushing action, spray from a distance of 4 to 6 inches. Allow to air dry, or dry with a clean dry cloth. **Trigger Spray Can:** Remove cap and attach trigger sprayer. Tighten securely on threaded fitment. Spray nozzle can be adjusted for stream or mist application and may be sprayed in any direction. **Bulk:** Apply with clean sprayer, cloth, or by dipping. Do not use on electrical equipment or machinery while in operation. Wait 5-10 minutes to allow solvents to evaporate before energizing equipment.

**Limitations:** Please refer to the Material Safety Data Sheet for specific information on material hazards, etc. At temperatures below 40°F (4°C). Aerosol pressure is diminished. Check surface compatibility by testing small area first; product may affect certain rubber, plastic and painted surfaces. **DO NOT USE ON HOT SURFACES. DO NOT USE ON ENERGIZED EQUIPMENT.** For use in manufacturing facilities.

#### Packaging:

Aerosol:	Cans (211x713) 12 cans/case	15 oz. Net wt. (425 grams) 16 lbs. (7.3 kg)	18.1 fl. oz. (535 ml) 0.55 CF (0.016 CM)
Trigger Spray Can:	Cans (211x713) 12 cans/case	1.1 lb. (0.51 kg) 13 lbs (6 kg)	18 fl. oz. (532 ml) 0.55 CF (0.016 CM)
Bulk:	2 gallons/case 5-gallon pail 50-gallon drum	16 lbs. (7.3 kg) 37 lbs. (16.8 kg) 366 lbs. (166.2 kg)	0.50 CF (0.014 CM) 1.2 CF (0.034 CM) 8.5 CF (0.24 CM)

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## II. CHARACTERISTICS & PROPERTIES

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**Specifications:**

None

**Appearance:**

Thin, non-foaming

**Color:**

Colorless, transparent

**Odor:**

Mild

**Dry Schedule:**

Not applicable

**Performance and Chemical Properties:**

	<b>Aerosol</b>	<b>Bulk</b>
Weight per gallon .....	6.6 lbs.....	6.6 lbs.
Specific gravity .....	0.79 .....	0.79
Viscosity in centipoise @ 77°F (25°C) .....	N/A.....	0.35 cPs
Flammability: Label marking .....	Extremely Flammable (F.P.) .....	Extremely Flammable
Flash point.....	<20° F (-7° C).....	<20° F (-7° C)
Active ingredients by weight.....	95% .....	100%
Volatile Organic Compound level .....	88% .....	89%
Operating temperature range.....	40° to 110° F (4° to 43° C).....	40° to 110° F (4° to 43° C)
Boiling point @ 760mm Hg .....	N/A.....	210° F (98.9° C)
Evaporation rate (Butyl Acetate = 1) .....	4.0 .....	4.0
KB value .....	80 .....	80
Dielectric strength .....	33 kV .....	33 kV
Surface tension .....	Low.....	Low
Food contact rating .....	N/A.....	N/A

**Base Materials**

Solvents (top two) .....	Petroleum Naphtha, Acetone ...	Petroleum Naphtha, Acetone
Propellant system.....	Carbon Dioxide.....	N/A

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## III. SHIPPING, STORAGE AND HEALTH

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	<b>Aerosol</b> .....	<b>Bulk</b>
IMDG number.....	UN 1950.....	1993
D.O.T. container spec.....	2Q .....	1A1, 1A2
D.O.T. shipping description .....	Consumer Commodity .....	Flammable liquid N.O.S. (Petroleum Naphtha, Acetone)
Warehouse storage level number .....	NFPA 30B Level 3.....	Flammable liquid class 1-B
Hazardous class (CFR-49).....	ORM-D.....	Flammable liquid
Storage temperature .....	32° to 120°F (0° to 49°C).....	32° to 120°F (0° to 49°C)
Shelf life .....	1 to 3 years.....	3 to 5 years
HMIS ratings		
Health .....	2 .....	2
Fire .....	4 .....	4
Reactivity .....	1 .....	1

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## IV. MISCELLANEOUS

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Contains no Ozone Depleting Substances (O.D.S.)

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## V. WARRANTY

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The statements made herein, on labels, product bulletins or by any of our employees or agents concerning this material are given for information only. Any liability whatsoever of Aervoe Industries, Inc. to the user of the product, is limited to replacement of the product or purchase price refunded.

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