

Product Data Sheet

No. **38260** - 02/20

OFF-LINE CITRUS CLEANER

AEROSOL AND BULK VOC <75% (ELECTRONIC CLEANER)

PRODUCT NUMBERS: 8260 15 OZ. NET WT. AEROSOL

Product number plus letter designation is as follows:

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

I. GENERAL DESCRIPTION

Description: Off-Line Citrus Cleaner is a non-chlorinated, BioPreferred solvent cleaner that acts quickly, but stays on the surface long enough to dissolve dirt and grease. This cleaner uses a blend of citrus oil derived solvents and highly refined naphthas to provide the very best in heavy duty cleaning.

Benefits: This non-chlorinated product rinses off grease and grime easily. Will not leave behind a solvent film or residue.

Applications: Use to remove dirt, moisture, dust, flux, or oxides from the internal components of electronic precision equipment such as circuit boards, and the internal components of electronic devices, including but not limited to, radios, CD players, DVD players and computers. Safe for use on most plastics and metals.

Directions: Aerosol: Shake before using. Hold can upright and spray close to surface. For hard to reach areas, attach extension tube. For best operation, use at room temperature. Bulk: Apply with clean sprayer and wipe with clean lint-free cloth. **Do not use on electrical equipment or machinery while in operation.**

Limitations: Please refer to the Safety Data Sheets for specific information on material hazards, etc.

Packaging:

Aerosol:	Cans 20 oz.)	15 oz. net wt. (425 grams)	18 fl. oz. (532 ml)
	Case - 12 cans/case	16 lbs. (7.3 kg)	0.55 CF (0.016 CM)
Bulk:	1 case of 2 gallons (m/f)	16 lbs. (7.3 kg)	0.50 CF (0.014 CM)
	5-gallon pail (m/r)	36.4 lbs. (16.5 kg)	1.2 CF (0.034 CM)
	50-gallon drum (m/r)	367 lbs. (167 kg)	8.5 CF (0.24 CM)

II. CHARACTERISTICS & PROPERTIES

Specifications:

Aerosol is certified USDA BioPreferred for Graffiti and Grease Removers (>34%) and Industrial Cleaners (>41%).

Appearance:

Non-foaming liquid

Color:

Clear

Odor:

Citrus

Dry Schedule:

NA

Performance and Chemical Properties:

	Aerosol	Bulk
Weight per gallon	7.0 lbs.....	6.5 lbs
Specific gravity	0.85	0.78
Viscosity in centipoise (@70°F[21°C])	NA	4 cPs @ 60 rpm Sp#2
Flammability: Label marking	Flammable	Flammable
.....	Flash point (concentrate).....	127°F (53°C) 127°F (53°C)
Active ingredients by weight.....	97%	100%
EPA VOC% Limit.....	Not Regulated	Not Regulated
CARB VOC% Limit (Electronic Cleaner).....	<75%	<75%
Operating temperature range.....	30° to 110°F (-1° to 43°C)	30° to 110°F (-1° to 43°C)
Boiling point @ 760mm Hg	NA.....	340°F (171°C)
Evaporation rate (Butyl Acetate = 1)	<1	<1
KB value.....	44	44
Food contact rating	C1	C1
Biobased content	54%	Not Available

Base Materials:

Solvent system:.....Aliphatic Hydrocarbon, D-Limonene
Propellant system:

Carbon Dioxide.....Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	Bulk
UN number.....	UN1950.....	UN1993
Proper Shipping Description	Aerosols.....	Flammable Liquid, N.O.S. (Aliphatic Hydrocarbons, D-Limonene)
Hazard Class.....	2.1	3
Packing Group	N/A.....	PG III
Limited Quantity	Yes.....	Container Size Determines Applicability
Warehouse storage level number	NFPA 30B Level 3.....	N/A
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	1
Fire	4	2
Reactivity	1	0

IV. MISCELLANEOUS

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

V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.

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