

Product Data Sheet

No. **27340** - 02/12

ALL-4

Aerosol & Bulk liquid

PRODUCT NUMBERS: 7340 - 10 OZ. NET WEIGHT AEROSOL
7341 - 18 FL. OZ. TRIGGER SPRAY

Product number 7340 plus letter designation is as follows:
G = 1 one gallon can; F = 1 five-gallon pail; D = 50-gallon drum

I. GENERAL DESCRIPTION

Description: Crown All-4 displaces moisture, cleans, penetrates, lubricates, and protects. Low surface tension yields complete penetration and permits the lubricant to travel easily into small cracks and along threaded fasteners. It displaces moisture and penetrates deep to loosen scale and rust on frozen or sticking parts.

Benefits: Eliminates the need for silicones or oils that leave a gummy residue. All-4 cleans away dirt, grease, and grime in one operation, increasing the speed and efficiency of cold cleaning. Lubricates moving and sliding parts with a silicone-free lubricant that won't harm plastics, metal, or insulated parts. Fills microscopic irregularities on surfaces and forms a protective barrier against future corrosion and moisture damage. Meets Mil - C - 16173E grade III. All-4 features the any-way spray valve (#7340) or any-way trigger spray (#7341) that allows aerosol to be applied in either an upright or upside down position.

Applications: Use on bulbs and sockets, circuit breakers, cables, elevators, generators, ignition systems, lift trucks, coils, vending machines, lawn mowers, machinery, spare parts, nuts and bolts, wheels, bicycles, transformers, etc.

Directions: Use at room temperature for best results. Capillary action will cause film to cover areas thoroughly. Aerosol: Shake can well before use. Hold can 10" to 14" from surface. Apply film to entire area to be cleaned or protected. 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 (brush, dip, etc.) film to entire area to be cleaned or protected. For use in the manufacturing process only. Do not use on electrical equipment or machinery while in operation.

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

Packaging:

Aerosol:	Cans (211 x 604)	10 oz. net wt. (284 grams)	12 fl. oz. (349 ml)
	Case-12 cans/case	12 lbs (5.4 kg)	0.47 CF (.013 CM)
Trigger Spray Can:	Cans (211x713)	1.1 lb. (0.51 kg)	18 fl. oz. (532 ml)
	12 cans/case	13 lbs (6 kg)	0.55 CF (0.016 CM)
Liquid Bulk:	1 case of 1 gallon (pl/f)	8 lbs (3.6 kg)	1 CF (.028 CM)
	5-gallon pails (m/r)	39 lbs. (17.7 kg)	1.2 CF (.034CM)
	50-gallon drum (m/r)	387 lbs.(176 kg)	8.5 CF (.24CM)

II. CHARACTERISTICS & PROPERTIES

Specification:

Meets Mil-C-16173E grade III

Appearance:

Non foaming liquid

Color:

Light Amber

Odor:

Mild - Hydrocarbon

Dry Schedule:

Not applicable

Performance and Chemical Properties:

	Aerosol	Bulk
Weight per gallon	6.7 lbs.....	6.9 lbs
Specific gravity	0.81	0.83
Viscosity in centipoise @ 70°F (21°C)	NA.....	8.5 cPs@60rpm Sp#2
Flammability: Label marking	Extremely Flammable.....	Combustible
Flash point.....	172-175°F (78-79°C).....	172-175°F (78-79°C)
Active ingredients by weight.....	97%	100 %
Volatile Organic Compound level.....	70%	72 %
Operating temperature range.....	40 to 110°F (5 to 43°C).....	40 to 110°F (5 to 43°C)
Pour point.....	Not applicable.....	< 0°F (-18 °C)
Dielectric strength.....	>33 kV/mm	>33 kV/mm
Lubricity (FALEX FLC Test).....	50 ft.lbs.....	50 ft.lbs.
Penetrating ability.....	Excellent.....	Excellent
Corrosion protection.....	Excellent.....	Excellent
Food contact rating	Not applicable.....	Not applicable

Base Materials:..... Aliphatic Petroleum Distillates, Mineral Oil
Propellant system: Carbon Dioxide..... Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	Bulk
IMDG number.....	1950.....	Not applicable
D.O.T. container spec.....	2P	1A1, 1A2
D.O.T. shipping description	Consumer commodity.....	Not Regulated
Warehouse storage level number	NFPA 30B Level 2.....	Combustible Liq class IIIA
Hazardous class (CFR-49).....	ORM-D	Not Regulated
Storage temperature	32-120°F (0-49°C)	32-120°F (0-49°C)
Shelf life	1-5 years.....	1-5 years
HMIS ratings		
Health	1	1
Fire.....	2	2
Reactivity	0.....	0

IV. MISCELLANEOUS

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

V. WARRANTY

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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