

L. H. D O T T I E

CHEMICAL PRODUCT COMPARISON GUIDE

A COMPREHENSIVE
HEAD-TO-HEAD REVIEW OF
AERVOE, SPRAYON &
CRC PRODUCTS

SEE FOR YOURSELF
WHY AERVOE PROVIDES
SUPERIOR SOLUTIONS





lhdottie.com

938 Tef-Lube™



This superior multi-purpose lubricant combines high-grade petroleum oils and solvents with micron sized PTFE particles. Its compact size makes it great for carrying in your toolbox. Tef-Lube meets the following specifications: Mil-C-372B (Small Arms Bore Cleaner); Mil-C-23411A (Corrosion Preventive Compound); W-P-216B (Penetrating Oil); W-L-820C (General Purpose Lubricating Oil); W-L-751C (Chain & Wire Rope Lubricating Oil). Dielectric strength of 19 kV/mm.

Sprayon

TF20025 Tri-Flow® Industrial Lube w/ PTFE: 1 oz. less weight, no specifications listed, dielectric strength of 10.5 kV/mm

CRC

03045 Power Lube®: No specifications or dielectric strength listed.

7340 All-4



This is a moisture-displacing, multipurpose lubricant that Penetrates, Cleans, Lubricates, and Protects (meets MIL-C-16173E grade III for corrosion protection). The competition describes their products as moisture displacing lubricants with corrosion protection.

Sprayon

S00711 711® The Protector Lubricant

CRC

03005 3-36®

8377 Electronic Component Cleaner



This chlorinated cleaner is HCFC-141b free while being non-flammable and non-ozone depleting. With a dielectric strength of 26 kV/mm and KB value of 66, this one product makes the best choice for your cleaning needs of sensitive electronics and most plastic parts

Sprayon

S02020 Plastics Contact Cleaner: Dielectric strength of 19V/mm with KB value of 56.

S02202 Contact & Tuner Cleaner: Uses HCFC 141b, has a Dielectric strength of 6.9 kV/mm and a KB value of 56.

S00748 Safety Cleaner & Degreaser II: Uses HCFC 141b, has a Dielectric strength of 18 kV/mm

CRC

03190 PF™ Precision Cleaner: Uses HCFC 141b; has a Dielectric strength of 20.5 kV/mm and a KB value of 8. Not for use on energized equipment.

03150 Contact Cleaner 2000®: Has a Dielectric strength of 30.5 kV/mm and a KB value of 45. Not for use on energized equipment.

8276 Off-Line Contact Cleaner

With a KB value of 29 and less than 10% IPA, this is an excellent product to clean non-energized equipment.

Sprayon

S02302 Environmental Contact Cleaner: Lower KB value and has a 50% Ethanol and 5% IPA content.

CRC

03130 QD® Contact Cleaner: With a KB value of 27, it is not as an aggressive cleaner as Aervoe's 8276.



L. H. DOTTIE CHEMICAL PRODUCT COMPARISON GUIDE



8060 Nfp Safety Solvent

While identical in formulation to the competition, at 20-oz. per can, 8060 contains 7-oz. more product than Sprayon and 1-oz. more than CRC.

Sprayon
S00848 Safety Solvent & Degreaser

CRC
03095 Heavy Duty Degreaser



400 Nfp Safety Solvent H.D.

This is the 8060 with a high delivery acc-u-sol trigger spray system which Sprayon & CRC do not use on their comparable product. The 400 also gives you 3-oz. more per can than Sprayon and 1-oz. more than CRC.

Sprayon
S20848 Safety Solvent & Degreaser: This is Sprayon's S00848 in a 20-oz. can with 4 more ounces.

CRC
03095 Heavy Duty Degreaser



399 Lfp Cleaner / Degreaser H.D.

For non-energized equipment, this cleaner has a dielectric strength of 33 kV/mm and a KB value of 80 without using California Prop65 chemicals or alcohol derivatives.

Sprayon
S00749 Environmental Cleaner & Degreaser: Has a Dielectric strength of 16.8 kV/mm and an estimated KB value of <35. Contains the California Prop65 chemicals Toluene and Ethylbenzene.

CRC
03185 Chlor-Free® Degreaser: Has a lower dielectric strength at 20.8 kV/mm with a KB value of 106 but contains from 8% to 17% Ethanol/Methanol in the formula.



420 Dust Air

Uses 100% 1,1,1,2-Tetrafluoroethane, a non-flammable gas that is safer to use in closed areas such as computer cases than 1,1-Difluoroethane. Provides 2 ounces more than CRC and is equal to Sprayon.

Sprayon
S02007 NF Duster

CRC
14085 Duster



950 PB Rust-Solv

This product is equal in performance to the competition and has a higher flashpoint than CRC.

Sprayon
S00103 Rust Breaker Penetrant

CRC
03060 Screwloose® Penetrating Oil



lhdottie.com



8035 Slix-It

Equal to the competition but without Prop65 chemicals.

Sprayon

501324 Premium Silicone Lube: Contains Toluene, a California Prop65 chemical.

CRC

03030 Extreme Duty

890 Cutting Oil

Made with sulfur-free extreme pressure additives and high viscosity oils, this water-based cutting oil is low odor and is not classified as extremely flammable or flammable according to 16 CFR 1500.45 (Aerosol Flame Propagation Test).

Sprayon

500208 Cutting Oil: Flammable

CRC

14050 Cutting Oil: Flammable

141 Zinc Rich Galvanize

Does not contain Prop65 chemicals. Meets specification of MIL-P-21035 (par. 3.3.1 through 3.3.3), performance requirements of MIL-P-46105 (par. 3.2, 3.3.1, 3.5.8, & 4.4.5) and DOD-P-21035A (par. 3.1 & 3.2, 3.5.3, 3.5.6, 4.4.3, 6.1, & 6.5), meets ASTM B117 Salt Fog (2000 hrs) and ASTM A 780 (Repair of Damaged & Uncoated Areas of Hot Dip Galvanizing).

Sprayon

500740 Zinc Rich Cold Galv Compound: Contains the Prop65 chemical Toluene. Meets performance requirements of MIL-P-26915C

CRC

18412 Zinc-It® Cold Galvanize: Contains the Prop65 chemical Toluene. Meets the same specs and performance requirements as Aervoe 141 but only 1000 hrs ASTM B 117 Salt Fog.

401 Epoxy Insulating Coating

Equal to S00601 without using Toluene, a California Prop65 chemical.

Sprayon

500601 Red Insulating Varnish

CRC

None

862 Hornet & Wasp Spray

At a 45° angle, will spray 20 feet; 2 feet further than Sprayon and 3 feet further than CRC in side by side spraying. Has a heavier stream, applying more knockdown power and killing strength than the competition. Dielectric strength of 41 kV/mm

Sprayon

Blast 'Em Wasp & Hornet Killer: Sprays 18 feet at 45°, Dielectric strength of 33 kV/mm.

CRC

14010 Wasp & Hornet Killer Plus: Sprays 17 feet at 45°, dielectric strength is unknown.