



**DRD ADDITIVES, LLC**  
**1194 NORTH CREST DRIVE**  
**ROCKFORD, IL 61107**  
**815-399-2570**

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## **BD 0945**

DRD ADDITIVES, LLC is pleased to introduce BD 0945, a full performance gasoline additive.

### Benefits:

- Proven commercial technology
- Removes dirt and carbon residues from intake valves and cylinder walls
- A fluid system cleaner that contains both active ingredient and fluid stabilizer
- Low treat rate - 350ppm (minimum is 121ppm; maximum is 570ppm)

EPA REGISTRATION NUMBER     217620001

### Testing – meets or exceeds the following industry standard engine tests

- Carburetor Deposit Control on a Renault R5 engine (CEC F-03-T-81)
- Port Fuel Injector Keep Clean and Clean-up on Chrysler 2.2 liter Turbo
- Intake Valve Deposit on
  - 1.8 liter BMW Test (ASTM D-5500)
  - 1.6 liter Toyota lab engine
  - SwRI 2.3 liter Ford engine
  - 1995 1.6 liter Toyota Corolla DOHC 4 cylinder
  - 1995 Buick Century 3.1 liter V-6 engine
  - 1996 Dodge Intrepid 3.3 liter V-6 PFI engine
- Combustion Chamber Deposit on
  - 1996 Dodge Intrepid 3.3 liter V-6 PFI engine
  - 1.8 BMW engine stand
- No Harm testing on OVI, Sludge and Varnish Tests, and VW Wasserboxer Valve Sticking Test on
  - GM 3.8L V-6 PFI Vehicles
  - Ford 4.6L V-8 PFI Vehicles

### Market Segments

- Small to medium compounder/blenders seeking entry into the small package automotive after market
- Large blenders of automotive after market products seeking proven complete package technology

### Benefits

- Provides Excellent PFI Keep-Clean and Cleanup Performance
- Provides Excellent IVD Deposit Control Performance

## IVD Keep-Clean and Cleanup Performance Demonstration in Several Engine/Vehicle Types

- Helps Minimize Combustion Chamber Deposits
  - Equal/Better CCD vs. Commercial Mineral/PBA Packages
- Extensive No-Harm Testing Completed
  - No Detrimental Side Effects.
- Provides Excellent Corrosion Protection
- Excellent Handling Characteristics
- Based on Patented Technology

### Recommended Dose

- 20mls BD 0945 let back with 180mls of solvent (white spirits, kerosene, and/or gasoline) blended and packaged in customer's 200ml container is sufficient to treat a 56.8 liter (15 gallon) gasoline tank. At this level, the delivered amount of active ingredient is ~350ppm.
  - At above treat level, one 20 liter pail will produce sufficient product to treat ~1000 (56 liter) gasoline tanks
- **NOTE** – BD 0945 is NOT recommended for diesel fuel treatments

### Physicals (typical)

- |                           |                    |
|---------------------------|--------------------|
| • Appearance              | Bright Amber Fluid |
| • Viscosity @ 40°C, cS    | 45                 |
| • Specific Gravity @ 60°F | 0.91               |
| • Flash Point, PMCC, °F   | 103                |
| • Basic Nitrogen (%wt)    | 0.74               |

### Packaging

- Available in 200 liter (55 gallon steel drums)