

## PRODUCT DATA SHEET

# AdvanceClean™ EJC 300

## Alkaline-Based Cleaner & Flush

Concentrated High-pH Cleaner for Removing Rust, Mineral Scale & Corrosion By-Products from Cooling Systems

**AdvanceClean™ EJC 300** is a versatile, concentrated, high-pH alkaline engine flush for removing deposits found in heavy and light-duty cooling systems. Easily applied during routine maintenance, regular use preserves engine efficiency and extends the life of cooling system components by removing rust, mineral scale, sludge, and corrosion by-products from heat transfer surfaces. A clean cooling system prevents rising coolant temperatures and eliminates failures caused by loss of heat transfer at cylinder liners, piston heads, and other critical components. **EJC 300 is safe for cleaning multi-metal systems** containing carbon steel, copper, and aluminum.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear Liquid
Odor	Mild
Flash Point, °F (TCC)	>200°F
Density (lbs/gal)	9.0 typical
pH (10% Solution)	12.2 approximate

### APPLICATION INFORMATION

- ▶ **Drain** existing coolant and flush the system with water
- ▶ **Fill** the system with water, then add **6–8%** by volume of EJC 300
- ▶ **Heat to 180°F** and circulate throughout the entire system
- ▶ Circulate for **4 to 8 hours** depending on severity of fouling
- ▶ **Drain** cleaning solution and flush with fresh water until discharge runs clear
- ▶ Refill with high-quality antifreeze/coolant after cleaning is complete



#### ALKALINE CLEANING ACTION

High-pH formulation effectively dissolves organic deposits, oil contamination, and sludge buildup from internal cooling surfaces



#### RESTORES HEAT TRANSFER

Cleans cylinder liners, piston heads, and heat exchangers to restore design cooling efficiency



#### MULTI-METAL SAFE

Formulated for systems containing carbon steel, copper, and aluminum — no risk of material damage



#### HANDLING CAUTION

This product may cause moderate irritation to the skin and is a severe irritant to the eyes. Mists and aerosols may irritate the upper respiratory tract. If material comes in contact with skin or eyes, wash skin thoroughly and flush eyes with water. Seek immediate medical attention. Always review the Safety Data Sheet (SDS) before handling. Use appropriate PPE including chemical-resistant gloves and eye protection.

#### PACKAGING & AVAILABILITY

5 gal  
BUCKET

55 gal  
DRUM

275 gal  
TOTE TANK

#### EJC 300 VS. EJC 200

**EJC 300** (alkaline, pH 12.2) targets organic deposits, oil, and sludge. **EJC 200** (acid, pH 2–3) targets mineral scale, rust, and corrosion by-products. For systems with both types of fouling, use EJC 300 first to remove organics, then follow with EJC 200 for scale and rust.