

BARIUM-ZINC LIQUID STABILIZER

PRODUCTS

Products	Thermal Stability	Transparency
BZ-301	4+	5+
BZ-308	5+	4+
Appearance: Light yellow to orange oily liquid		

APPLICATIONS

Designed for a broad range of flexible, semi-rigid, and transparent PVC applications.:

- Flexible and semi-rigid PVC products
- PVC hoses, tubing, and cable insulation
- PVC flooring, wall coverings, and coated fabrics
- PVC synthetic leather and inflatable products
- PVC plastisol coatings, dip-molding, and screen-printing inks
- Transparent and high-clarity PVC sheets and packaging

Suggested Dosage (PHR): 1.3 – 3.0

Suitable for standalone use or for co-use with epoxidized soybean oil (ESBO) to optimize processing and stability.

KEY ADVANTAGES

- **Safer, cleaner, and compliant alternative to Ba/Zn, Ba/Cd, and organotin systems**—supporting modern environmental and regulatory expectations.
- **Superior color-holding and thermal stability**, enabling consistent product appearance and lower additive consumption.
- **Optimized processing performance** with excellent lubrication, dispersion, and PVC compatibility—no plate-out, even under demanding conditions.
- **Designed for premium clarity**, delivering high transparency and excellent resistance to moisture-induced whitening.

SAFETY AND COMPLAINECE

- Non-toxic formulation meeting the requirements of EU RoHS, PAHs, REACH-SVHC, and other major environmental standards.



MATERIAL HANDLING GUIDANCE

Supplied in 180–200 kg iron or plastic drums. Store sealed in a dry, well-ventilated area to prevent contamination and moisture uptake.

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Regulatory Notes

This product is manufactured in compliance with applicable regional chemical control regulations. Regulatory status may vary by jurisdiction, and users should verify compliance with local requirements prior to use. Certification for specific applications (such as food contact, potable water, medical, or electrical uses) is not implied and must be confirmed separately upon request. Users are responsible for ensuring that the product, its additives, and any processing aids meet all relevant regulatory and end-use obligations.

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