

**Germall Plus Powder** is approved for use in the Americas and the components of Germall Plus are individually listed by the EU: Diazolidinyl Urea at levels up to 0.5% without restrictions; IPBC permanently listed at levels up to 0.02% on a 100% basis without labeling requirements and up to 0.05% with labeling requirements. In the EU, IPBC should not be used in oral hygiene products, lip products, or in aerosolized sprays.

### **Applications**

- Fully compatible with cationic, anionic, or non-ionic surfactants and emulsifiers, as well as proteins.
- Normal use levels of 0.05-0.2% will preserve most systems (0.2% is recommended for systems containing a large amount of protein and/or complex ingredients).
- Safe for both leave-on and rinse-off products.
- Can be used in a wide pH range (3.0-8.0).
- Water soluble up to 1.0%; also soluble in the emulsified portion of a cream, conditioner, or lotion from room to elevated temperatures.
- Add at 50°C (**122°F**) or below during the cool down stage of processing.

**Recommended use level:** 0.1%-0.5% of total formulation weight.

**Directions:** Add to WATER PHASE of your formulation at temps of 50°C (**122°F**) or lower.

**INCI:** Diazolidinyl Urea & Iodopropynyl Butylcarbamate.