



Trade Name: ICC-Silicone Antifoam 7233

Chemical Name: Polydimethylsiloxane Emulsion

ICC-Silicone Antifoam 7233 is excellent candidates for controlling foam in amine and glycol dehydration units. This antifoam emulsion offers immediate results with quick foam knockdown. Its excellent stability in the presence of salts typically means fewer deposits on plant equipment for longer service life and reduced maintenance costs. [This antifoam is similar to SAG 7133.](#)

ICC-Silicone Antifoam 7233 is an excellent choice to consider for a variety of water-based foam issues in oil and gas, and for the amine units of gas sweetening plants, liquefied natural gas plants, fertilizer plants or refineries with typical benefits like:

- Quick foam knockdown, which can resolve sudden increases in DeltaP in the absorber units or foam buildup in equipment.
- Excellent product stability under high temperatures and in high-salt concentrations, typically found in amine units or glycol dehydration units, which can help promote long, maintenance-free operations.
- Easy dilution with water; simple to use
- Reduced clogging or scaling, particularly within the heat exchangers, for less potential maintenance
- Low doses required for effective foam control, which may result in savings and reduced fouling of equipment. [ICC-Silicone Antifoam 7233](#) is typically two to three times more effective than many other antifoams used in gas treatment.

Application:

Power Plant Desulfurization

Gas processing

Paper coating and starch gelatinization

Drilling fluid

Cement mortar



Storage and Handling:

Silicone Antifoam 7233 is available in 25kg or 200kg plastic drum, or as customer's request.

Shelf life: 12 months

TEST	STANDARD TEST METHOD	STANDARD
Appearance (%)	-	Milky-white emulsion
Odor:	-	Faint
Viscosity at 25°C, cSt	ASTM D-445	600
Specific Gravity at 25°/25°C	ASTM D-129	1.00
pH		7
Emulsion Type	-	Non-ionic
Suitable Diluents	-	Water only

Safety:

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Use of other materials in conjunction with this product (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.