

Antifoam-1
Antifoaming/Defoaming Agent

Antifoam-1 is a blend of materials designed to stop the growth of foam before it starts. Most defoamers are surface-active materials and work after foam has become a problem. Antifoam-1 is highly active and is effective in small doses. It should be added to the foaming material at a point of high agitation for maximum effectiveness.

Aids in Mist Reduction – Most mists and fumes are generated by the evaporation of small bubbles of entrained air (foam). When air is driven into grinding coolants or other liquid materials, it tries to escape to the surface. As this entrained air reaches the surface, it must escape by dispersing into the air. When the air is being driven into the liquid faster than it can be evaporated, foam is developed. As this entrained air (foam) tries to escape into the air, it creates mist by propelling small amounts of liquid into the atmosphere above the tank space creating mists. Antifoam-1 helps to prevent this.

Long Lasting – Most defoamers are surface active and have low molecular weight. Thus, they are easily lost from the surface. Antifoam-1 works in the solution itself and not on the surface, so it lasts much longer.

Cost Efficient – Antifoam-1 will last much longer than most standard defoamers, and as a result will end up costing much less to use than conventional defoamers.

No Odor – Antifoam-1 has no harsh solvent or wax odor like most standard defoamers.

Can Be Used in Many Types of Materials

– Many standard defoamers will only work in one or two different types of fluids. Antifoam-1 is effective in many different types of materials, from grinding fluids and coolants, to water-based cleaners.

Typical Properties

Physical Form	Liquid
Color	Clear
Odor	Mild Polyol
Typical Low/High	U.O.M.
Solubility in Water	1-10% @ 25°C
Vapor Pressure	NA
VOC	NA
pH	5.5-6.7
Specific Gravity	1.018
Boiling Point	NA
Melting Point	NA
Freezing Point	-25°C
Viscosity	660 cP
Vapor Density	NA
Coefficient	NA
	of Water/Oil

Packaging and Handling

Antifoam-1 is a liquid packed in non-returnable drums, pails, and bottles.

Store at room temperature. For optimal performance, always mix before using. Avoid prolonged storage above 43°C (110°F). If frozen or stored above 43°C, return to room temperature and mix thoroughly before use.

Observe all safety precautions shown on the label and in the Material Safety Data Sheet.

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