DEFOAMER 109

DEFOAMER (Agitate Contents When Dispensing)

DEFOAMER 109 is a NON SILICONE all-purpose defoamer for use in industry. Used in coatings baths, wash & coolant systems., waste and cooling water, spray washers, soak tanks, rinse tanks and other operations. Is advanced chemistry offering biodegradability and free of oils, silica, silicones or other related organic fatty esters.

DEFOAMER 109 is a thin bodied liquid which is easily metered and dispensed in automated systems. Spreads instantly into system. Also used in spray bottles or misting units.

DEFOAMER 109 has no odor, does not contain petroleum wax or by-products and is free of pigment. Excellent for use in maintenance applications such as carpet cleaners, wash systems and is areas or applications where coatings adhesives or paints are applied or used.

Features & Benefits

- Water thin liquid for ease of use, neutral ph, no odor.
- Provides “FLASH DEFOAMING” instantly knocking down foam.
- Long lasting defoaming affect.
- Stable pre-diluted solutions can be prepared.
- NON-CONTAMINATING to paint and plating systems.
- BIODEGRADABLE, NON-PHOSPHATED.

Physical Data

pH	7.5~
Product Type	Liquid
Spec. Gravity	1.001
Lbs./gal.	8.35
Foam (0=Low; 9=High)	0
Shelf Life	10 years
Freeze Information	Not damaged by freezing

Typical Processing

1. Add small quantities of #109 to the area of foam.
2. Add by feed pump on a timer or drip feeder if necessary.

3. Use of a 10% " DAY-TANK" is highly recommended for lowest use cost and highest performance.
4. Pre dilute product with water at a rate of 10:1 to achieve lowest use cost. (DAY-TANK)
5. Can be used in misting spray bottles at point of use also.
6. Add product to areas of highest agitation for maximum efficiency.

Note: **(Light Agitation Prior to Dispensing Is Recommended)**

Packaging

Container Type	Poly
Net Units	459
Tare Wt.	25
Gross Wt.	484
DOT_Name	Not regulated by DOT Not subject to IATA Regulations for Air
DOT Hazard	Not regulated
Tariff ID	3402.90

Use Parameters

Concentration Range	As needed
Temperature Range	All
Time Range	NA
Agitation	Light Agitation

Waste Disposal

Not intended for direct discharge, absorb spills.

Holding Tank Materials of Construction

Steel, stainless or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.

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Concentration Testing: The Product Cannot Be Tested for Concentration Once It Has Been Added To A Bath. A Refractometer Can Be Used
To Test the Strength of A Pre-mix Slurry "day-tank" Or Concentrate Of Higher Solids If Needed.
Reactance: 3.0 Points = 100%, 1.5 Points = 50%. (2/02)

Storage And Dispensing Notes: #109 Is A Dispersion of Defoaming Materials That with Extended Storage Time, Or If Stored at Elevated Or
Colder Temperatures, Can Have a Tendency of Stratifying or Forming Uneven Viscosity. This Does Not Affect the Performance of The
Material. Light Stirring of The Drum or Pail Contents Will Easily Disperse the Material (6/02)

It Is Suggested the Product Be Pre-Mixed In A What Is Called A “day Feed Tank”.
A) You Would Prepare A 10% Solution in A Drum or Whatever Is Available.
B) A Small Mixer or Light Air Bubbler Would Keep the Defoamer Moving And Mixing.
C) You Would Have A Small Metering Pump (Like A Timer Operated Diaphragm Pump)
Or A Very Slow Adding Pump That Would Feed Defoamer into The Problem Area On A
Constant Basis or When A Signal Would Turn On The Pump. " Like A Dumper Circuit or?

The Above “day-tank “Will Provide the Most Effective Defoaming In A Process.
Why: A) It Feeds Pre-diluted Defoamer That Is Ready to Knock Down The Most Difficult Foam
B) It Provides the Very Lowest Cost Method of Using Defoam. The Idea of Throwing Concentrated Defoamer
Into a System Is a Waste of Money And Does Not Provide Better Results. This Can Provide 50-75% Less Use Cost.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136].