



# DEFOAMER #209

## **HIGH PERFORMANCE DEFOAMER**

DEFOAMER 209 is a NON SILICONE all-purpose defoamer for use in industry. Used to control foaming in parts washing systems, water wash paint booths, sump and central coolant systems, waste and cooling water.

DEFOAMER 209 is highly effective in eliminating foam caused by soaps, stearate, lubricants, draw compounds & detergents. Also used in coatings and adhesives formulating to control froth.

DEFOAMER 209 has no odor, does not contain wax or by-products and is free of pigment. Excellent for water wash paint booth systems.

## **Features & Benefits**

- Water thin liquid for ease of use, neutral ph., no odor.
- Provides “FLASH DEFOAMING” instantly knocking down foam.
- Long Lasting defoamer affect. Can be used in acidic or alkaline systems.
- Thin bodied liquid which is easily metered and dispensed in automated systems.
- Spreads instantly into systems.
- Stable pre-diluted solutions can be prepared using mild agitation.
- NON-CONTAMINATING to paint and plating systems.
- Highly effective on the toughest foam problems!

## **Physical Data**

pH	7
Product Type	Liquid
Spec. Gravity	0.88729
Lbs./gal.	7.40
Foam (0=Low; 9=High)	0
Shelf Life	10 years
Freeze Information	Not damaged by freezing

## **Typical Processing**

1. Add small quantities of #209 to the area of foam. ( see options below )



2. For best performance prepare a 5-10% pre-mix in a drum and use a small
3. feed pump to drip feed into the process where needed.

OPTION: Pre dilute with water at a rate of 10:1 to achieve lowest use cost.

OPTION: Add product to areas of highest agitation for maximum efficiency.

OPTION: Add by feed pump on a timer or drip feeder if necessary. ( pre-diluted 5)

Note: Light stirring or agitation should be used on each drum prior to dispensing. 209 is a “dispersion-suspension”, shifts in storage temperature can cause slight stratification of the product. It does not affect quality.

## Packaging

Container Type	Poly
Net Units	400
Tare Wt.	25
Gross Wt.	425
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 required to knock foam
Temperature Range	Unlimited
Time Range	NA
Agitation	Light stirring or agitation

## Waste Disposal

Remove floating oils, emulsified oils or contributed contaminants.

## 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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## Testing, Operating & Trouble Shooting Data

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Refractometer Can Be Used For Pre-mixed Solutions.  
Lightly Agitate Drum Contents Prior To Dispensing To Assure Uniformity Of Product.

#### **Use Ideas And Recommendations:**

Add Small Quantities Of #209 To The Area Of Foam. ( See Options Below )

For Best Performance Prepare A 5-10% Pre-mix In A Drum And Use A Small Feed Pump To Drip Feed Into The Process Where Needed.

**Option:** Pre Dilute With Water At A Rate Of 10:1 To Achieve Lowest Use Cost.

**Option:** Add Product To Areas Of Highest Agitation For Maximum Efficiency.

**Option:** Add By Feed Pump On A Timer Or Drip Feeder If Necessary.

Note: Light Stirring Or Agitation Should Be Used On Each Drum Prior To Dispensing. 209 Is A "dispersion-suspension", Shifts In Storage Temperature Can Cause Slight Stratification Of The Product. It Does Not Affect Quality.



## Our People. Your Problem Solvers.

For more information on this process,  
please call us at 203.756.5521 or email: [techservice@hubbardhall.com](mailto: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**<sup>136</sup>.