

THERMAL CHARGE[®]

DEFOAMER



DESCRIPTION

THERMAL CHARGE[®] Defoamer is emulsified in water for optimum efficiency and dispersibility in aqueous industrial fluids. It is specifically designed to rupture and dissipate tank-side foam during manufacturing process. The defoamer provides excellent dispersibility, initial foam knockdown, as well as long-term defoaming persistence.

BENEFITS

- Excellent dispersibility
- Easy to use and low-cost
- Consistent foam control
- Excellent corrosion protection
- Long-term defoaming persistence
- Efficient in high pH levels environment

Storage/Handling: Always mix prior to use as the product tends to separate slightly. Mix product and retest for quality after one year from date of manufacture. For best results, store at temperature between 50°F and 104°F. The subject products are water base emulsions and freezing will deteriorate their performance and make them unusable. The minimum shelf life in closed container is 12 months from the date of manufacture.

Refer to SDS for additional handling information.

SUITABLE APPLICATIONS

- Tank-side for semi-synthetic and soluble oil metalworking fluids
- Tank-side for industrial cleaners
- Glycol dehydration-deliquification process
- Amine scrubbing
- Oil and gas phase separations

DIRECTIONS FOR USE

The properties and performance of a defoamer are greatly dependent upon the specific formulation in which it is utilized and, consequently, should always be tested (possibly at different treatment levels, temperatures, and/or time intervals) to verify performance prior to use. A starting dosage level of 4 oz to 6 oz per 100 gallons of emulsion added as needed tank-side, is recommended. Maximum dosage should be no more than 18 oz per day. The addition should be made to an area of moderate agitation or recirculation, away from recycling pump and filtration system. Always mix prior to use.

To order, please call 1-800-323-5440 or email commercial@owi.com

For technical support, call 1-800-477-5847

PROPERTIES

ASTM TEST METHOD

TYPICAL VALUES FOR THERMAL CHARGE DEFOAMER

Appearance/Color	Visual	Off-White
Specific Gravity @ 60/60 °F	D1122 or D5931	0.99
pH of 50% bv Solution	D1287	10.0-11.0
pH of 1.0% bv Solution	D1287	9.0-10.0
Reserve Alkalinity, ml @ 1.0% bv	D1121	8 min
Reserve Alkalinity, ml Neat	D1121	800 min

PRODUCT AVAILABILITY

PART NUMBER

55 GALLON DRUM	TDF001
5 GALLON PAIL	TDF005



Manufactured for Old World Industries, LLC.
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