# Master STAGES™ CLEAN DF1

***Antifoam for Master STAGES™ Cleaners***

Master STAGES™ CLEAN DF1 is a paintable, nondimethyl, polysiloxane, antifoaming agent designed to eliminate excessive foaming in Master STAGES™ products. This product does not require premixing.

## *Additives*



*Master STAGES™ additives are formulated to give cleaners and washing compounds an added 'boost'. Whether to add extra power for spray cleaning, to decrease foaming problems, or extend bath life, Master STAGES additives do just that— add value to cleaner performance.*

## Choose CLEAN DF1:

- Does not require premixing
- Compatible with most Master STAGES cleaners and most water-based metalworking fluids
- Odorless
- Does not cause staining
- Is free of phenols, borates, phosphates, nitrites, or amines

## CLEAN DF1 especially for:

**Applications** — antifoam

## Health and Safety

Request SDS

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## Application Guidelines

- Use at very low concentrations. Additions of 0.01% will often eliminate foam completely. However, we recommend 0.1% as a starting dose to provide reserve.
- Maximum addition rate is 1.0%.
- CLEAN DF1 will defoam spray and immersion cleaners as well as metalworking fluids. Do not use in straight oils.
- Checking concentration must be done by observation of the cleaner performance. There is no direct method for field determination of concentration levels.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/na/en-us/distributors/index.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

## Physical Properties Typical Data

| | |
|---|---|
| Color (Concentrate) | White to Yellow |
| Odor (Concentrate) | Mild |
| Form (Concentrate) | Liquid |
| Flash Point (Concentrate) (ASTM D93-08) | > 199°F |
| pH (Concentrate as Range) | 6.5 - 7.5 |
| V.O.C. Content (EPA Method 24) | 2 lbs/gal |



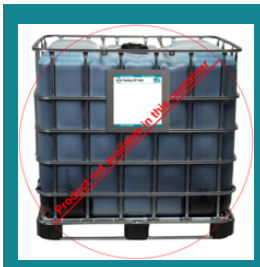

1-gallon jug
SKU: CLDF1-1G
UPC-12: 641238002680




5-gallon pail
SKU: CLDF1-5G
UPC-12: 641238002703




54-gallon drum
SKU: CLDF1-54G
UPC-12: 641238002710



270-gallon tote
SKU: CLDF1-270G
UPC-12:

## Additional Information

- Industrial use only
- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
- Master STAGES™ is a trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
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https://2trim.us/di/?i=na_en-us_CLEANDF1

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