

DUBL-CHEK MPF MAGNETIC PARTICLE FLUID



PRODUCT INFORMATION

Description and Purpose: Dubl-Chek MPF is a magnetic particle suspension fluid designed for wet method magnetic particle inspection requiring a fluid with a flash point over 200 F, low viscosity (less than 5.0cs), no odor, no fluorescence, and no yellow collar. Dubl-Chek MPF has a low sulfur and halogen content. It is an OSHA Class IIIB material.

Bath Preparation and Basic Instructions: Fill the magnetic particle tank or container to the proper level with Dubl-Chek MPF, and start to agitate the fluid. At this point, a measured amount of magnetic particles are added to the agitated fluid. The mixture should be agitated for 15 minutes before measuring the concentration with a settling tube. If the bath concentration is high, add more Dubl-Chek MPF. If the bath concentration is low, add more magnetic particles. The mixture should be agitated for another 15 minutes before any adjustments are made.

Note: These instructions describe the basic process, but they may need to be amended by the user to comply with applicable specifications and/or inspection criteria provided by the contracting agency.

Container Sizes: 55 gallon drum
5 gallon pail

Applicable Specifications:

DOD-F-87935
Pratt & Whitney

AMS-2641
ASTM-E-1444

ASTM-E-709

revised September 2004

PRECAUTIONARY INFORMATION

Dubl-Chek MPF is a combustible liquid. Use with adequate ventilation and away from sparks, fire or open flame. Avoid prolonged or repeated contact with skin. Do not take internally. Avoid prolonged or repeated breathing of vapors. Read the label on the container for additional precautionary information.

SHERWIN
INCORPORATED

5530 Borwick Ave.
South Gate, CA 90280
(562) 861-6324
FAX (562) 923-8370