

ZAF-2

NON-SILICONE ANTIFOAM

无硅型消泡剂

ZAF-2 is an excellent general-purpose defoaming additive to eliminate and prevent foaming in waterbased magnetic particle suspensions, aqueous penetrant developer baths, hydrophilic penetrant remover baths and aqueous cleaning solutions. A few drops of ZAF-2 are enough to eliminate foaming in most water-based solutions.

ZAF-2 是一款出色的通用型消泡添加剂, 用于水基磁粉悬浮液, 水基渗透显像水浴, 亲水性渗透清洗剂槽浴以及水基清洗剂溶液中, 具有消泡和防止泡沫产生的作用。只需几滴ZAF-2 足以消灭大多数水基溶液中的泡沫。

ZAF-2 can be sprinkled onto the surfaces of baths to eliminate foaming. It is not intended to remove fine lather which may occur in recirculating baths where there is excessive air intake in the recirculation pump.

ZAF-2 可以喷洒在水浴表面起到消泡效果。其效果并不能移除在循环水浴中由于多余的空气带入循环泵而产生的细小的微泡沫。

BENEFITS 优势

- Easy to use 使用方便
- Effective, concentrated formula 浓缩配方, 效果显著
- Silicone free 无硅配方

SPECIFICATIONS COMPLIANCE 符合规范

- ASTM E709
- ASTM E1444

APPLICATIONS 应用

Ideal for 适用于

- Water-based magnetic particle suspensions 水基磁粉悬浮液
- Aqueous penetrant developer baths 水基渗透显像水浴
- Hydrophilic penetrant remover baths 亲水性渗透清洗剂槽浴
- Aqueous cleaning baths 水基清洗剂溶液槽浴

PRODUCT PROPERTIES 产品属性

Appearance 外观	Transparent liquid 透明液体
Color in Visible Light 可见光下颜色	Clear, colorless 清澈, 无色
Color in UV Light 黑紫外光灯下颜色	Nonfluorescent, colorless 非荧光, 无色
Odor 气味	Mild, Glycol 温和, 轻微乙二醇味道

PACKAGING 包装形式

01-9410-20

1 gal / 3.78 L jug 瓶

INSTRUCTIONS FOR USE 使用指南

Use to reduce excess foaming in water-based systems.

在水基体系中用于减少过多的泡沫。

Add a few drops of ZAF-2 to the foaming solution. Allow five minutes for ZAF-2 to take full effect. If foam persists, add a few more drops. Alternatively, use a small spray bottle to mist ZAF-2 over accumulated foam instead of adding dropwise.

添加几滴ZAF-2在有泡沫的溶液中, 等待5分钟使其充分生效。如果一些泡沫依然存在, 再添加几滴。或者选择使用小喷壶对积聚的泡沫进行喷雾操作来代替滴加操作。

ZAF-2 may be used up to a maximum concentration of 1% by weight. Add sparingly, excessive amounts of antifoam can reduce the wetting properties of a bath or cause particle agglomeration.

按重量计算, 为实现消泡效果, 所需要的 ZAF 2最高配比浓度按重量为 1%。需要注意添加量, 过多的消泡剂会降低溶液的湿润性或引起磁粉的凝聚。

Water 水	ZAF-2
1 liters	< 10 mL

In recirculating baths, such as those in magnetic particle wet benches, a fine lather occasionally builds up which ZAF-2 cannot effectively handle. This condition is due to air being drawn into the return line and beaten into the bath by the pump. When this condition occurs, look for the air leak (either a vortex forming over the outflow pipe of the sump or a leak in the plumbing upstream from the pump) and correct it.

对于循环流动的槽液, 如湿法磁粉操作台, ZAF-2 不能有效地处理偶尔形成的微小泡沫。这种情况是由于空气进入了循环管道, 并被液泵打入槽液中。该情况发生时, 需寻找漏气处 (无论是在输出管道处形成的漩涡, 或液泵上游的管道漏气) 并修补。

HEALTH AND SAFETY 健康和安全

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the product Safety Data Sheet, which is available at www.magnaflux.cn.

产品使用前请阅读相关的健康和安全信息。完整的健康和安全信息参考 www.magnaflux.cn 上的SDS (安全数据表)。