

Technical Bulletin

JEFFADD[®] MW-740 Additive

JEFFADD[®] MW-740 Additive is a specialty tertiary amine for the metalworking fluid industry. JEFFADD[®] MW-740 additive can be used in cutting and forming metalworking fluids as a corrosion inhibitor and pH buffer. The product has a mild amine odor.

KEY FEATURES:

- Low foaming
- Corrosion inhibitor
- Can improve formulation stability of water-miscible metalworking fluids
- Good pH buffer in water-miscible metalworking fluids

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance	Clear liquid, substantially free of foreign matter	ST-30.1
Color, Pt-Co	150 max.	ST-30.12
PMDPTA, A%	96.0 min.	VU 105/K
Water, wt%	0.35 max.	ST-31.53, 6

*Methods of Test are available from Huntsman Corporation upon request.

ADDITIONAL INFORMATION

Regulatory Information

See SDS for all regulatory information.

Shelf Life

The product should retain its conformance to sales specifications for a period of at least two years from date of manufacture if the product is stored at less than 100°F (37.8°C) in its undamaged, unopened, factory packaged container.

In general, the user should determine the suitability of any chemical compound, no matter what the shelf life or length of time of storage. Each user should conduct a sufficient investigation to establish the suitability of any product for his intended use.

Typical Properties

Flash point, PMCC, °C (°F)	92 (198)
Boiling point, °C (°F)	227 (441)
Freezing point, °C (°F)	-78 (-108)
Specific gravity, 20/20°C	0.83
pH	11
Purity, %	>95
Vapor pressure, mm Hg, 25°C (77°F)	<1
Viscosity, cSt, 23°C (73.4°F)	3
Water solubility, %	>10



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TOXICITY AND SAFETY

For additional information on the toxicity and safe handling of this product, consult the Safety Data Sheet prior to use of this product.

SHIPPING DATA

Product is available in tank cars, tank trucks, totes of 1760 pounds (798 kilograms), and drums of 364 pounds (165 kilograms) net weight. Small evaluation samples can be obtained by contacting any Huntsman Performance Products sales office.

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