

**PRODUCT DATA SHEET**

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**PRODUCT: Microtracer™ F- Red #3**

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**DESCRIPTION:** A non-nutrient "marker" used to identify premixes in finished feeds.

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**PRODUCT FORMULATION:** A uniform product consisting of over 98 % elemental iron grit with FD&C Red #3 food color (over 0.8%) and traces of sodium carbonate adsorbed on the iron.

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**COLOR:** Dark red. Color may vary slightly from lot to lot..

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**ODOR:** None to very slight metallic odor

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**SPECIFIC GRAVITY:** Approximately 7.8

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**STABILITY:** By itself or in finished feeds, this product will generally be stable for at least one year. Stability in specific premixes should be confirmed.

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**PARTICLE SIZE:** 99 % passes 35 mesh (USA Standard) and less than 1 % passes 200 mesh.

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**PARTICLE COUNT:** Nominally 25/mg but with product considered to meet specification if the average value for three of four sub-samples tested is in the range of 25 to 35 particles/mg.

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**PACKAGING:** 50 lbs in metal pails with food-grade linings or as specified.

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**STORAGE:** Store in a cool, dry place. Securely reseal partially used containers.

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**TOXICITY:** The product is non-toxic. The food color is water soluble and may be washed from skin.

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**HANDLING:** The product should not be added as the first ingredient to an empty mixer as it may settle at the bottom of

the mixer due to its relatively fine particle size and its density. Once mixed in a premix, it will not settle out unless the premix

contains widely divergent particle sizes, in which case the product may settle with the finer material.

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