

MICROTRACERS, INC.

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PRODUCT DATA SHEET

PRODUCT: Microtracer™ FSS-Lake (Blue, Red, Yellow, Orange, Violet, Green, etc.)

DESCRIPTION: A non-nutrient “marker” used to identify premixes in finished feeds.

PRODUCT FORMULATION: A uniform product consisting of over 96% stainless steel grit with FD&C Lake food color, and traces of a food-grade coating (Shellac) adsorbed on the surface of the tracer. The colors are legal for use in foods in the USA.

GUARANTEES: FD&C Lake Color 0.6% minimum

COLOR: Dark grey. Color may vary.

ODOR: None to very slight metallic odor

SPECIFIC GRAVITY: Approximately 7.8 g/cm³

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.

PARTICLE COUNT: Nominally 200/mg but with product considered to meet specification if the average value for three of four subsamples tested is in the range of 180 to 220 particles/mg.

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

TOXICITY: This product is non-toxic. The food color is soluble in dilute sodium carbonate or bleach and may be easily washed from skin.

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.
