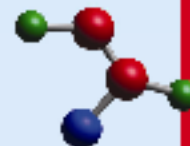




PRODUCT SPECIFICATIONS



Kemin AgriFoods North America, Inc. • 2100 Maury Street • Des Moines, Iowa, USA 50317-1100 • tel: 515-559-5100 • fax: 515-559-5232 • www.Kemin.com

KemTRACE[®] brand Chromium Propionate 0.04% Dry Mineral Supplement (0.04% Chromium from Chromium Propionate)

DESCRIPTION

A chromium supplement for all classes of swine and cattle.

INGREDIENTS

Calcium Carbonate, Mineral Oil, Chromium Propionate, Propionic Acid, and Propylene Glycol.

DIRECTIONS

SWINE: KemTRACE[®] brand Chromium Propionate 0.04% Dry Mineral Supplement will deliver 200 ppb (parts per billion) chromium from chromium propionate when added and thoroughly mixed at the rate of one (1) pound per ton of complete swine feed.

CATTLE: KemTRACE[®] brand Chromium Propionate 0.04% Dry Mineral Supplement will deliver 500 ppb (parts per billion) chromium (from chromium propionate) when added at the rate of 2.5 pounds per ton of complete cattle diets. Chromium propionate must be premixed with dry ingredients prior to adding to high moisture ingredients or forages. Chromium propionate must not be added to free choice supplements.

HANDLING AND STORAGE

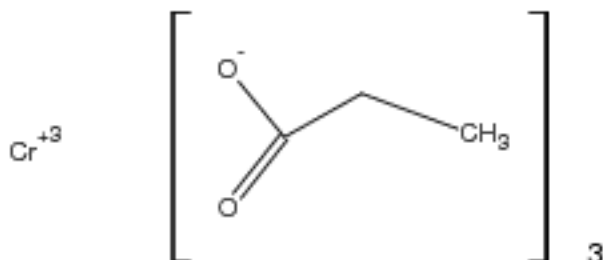
Store in a clean, dry area. Do not breathe pre-mix dust. Do not cross-contaminate unsupplemented feeds. Restrict use to responsible individuals. Follow label directions. Rotate inventory.

CAUTION

Dust from this product has been classified as a nuisance. Consult MSDS for additional information.

QUALITY SPECIFICATIONS	
Guaranteed analysis:	
Chromium	(Cr) min.....0.04% (elemental); 400 ppm
Calcium	(Ca) min.....36% 360,000 ppm
Calcium	(Ca) max.....40% 400,000 ppm
pH of a 10% solution	7.0 – 9.0
Residue	Less than 5% (20 mesh screen)
TYPICAL CHARACTERISTICS	
Flowability	Good
Color	Green/brown
Odor	Slightly acid
Bulk Density	60 – 90 lb/ft ³

MOLECULAR STRUCTURE



HEAVY METALS as defined in the Food Chemical Codex Method for Determination of Heavy Metals

Element	Maximum allowable level (ppm)
Antimony	<10.0
Arsenic	<5.0
Bismuth	<10.0
Cadmium	<1.0
Copper.....	<5.0
Lead	<10.0
Mercury	<10.0
Silver	<1.0
Tin	<5.0

U.S. Patents 5,591,878; 5,707,679; 5,846,581; 6,303,158, Canadian Patents 2,232,393; 2,256,489, Australian Patents 707,201; 734,959, European Union Patents 0902787; 0897267, Mexican Patent 210038, New Zealand Patent 332,280 and Patent Pending.