



Technical Data Sheet

KLT CHEMICAL CO., INC.

20338 Progress Drive
Strongsville, OH
800-236-2056
216-476-1231 FAX
www.kltchemical.com

KolorRite 5219

**Anodizing Dye
Gold N (F.A.O.)**

USE RECOMMENDATIONS:

Methods of Application	Immersion
Concentration	2-4 g/l
Temperature	130-140° F
Time	5-10 minutes
pH	4.5-5.0
Equipment	Stainless steel, plastic and polypropylene
Light Fastness	8+

MIXING INSTRUCTIONS:

Use deionized water to make the bath. Add half the amount of water needed in the tank and all the dye. Heat to a boil if possible, otherwise, heat as high as possible for 30 minutes, then cool to use temperature. Adjust the pH with either ammonia to raise it or acetic acid to lower it. Make small additions to avoid big pH swings. *KolorRite* dyes are buffered and should make up at use pH.

PHYSICAL & SAFETY DATA:

KolorRite 5219 is a green granular powder. If contact occurs, flush affected area with water for 15 minutes. If irritation persists, see a physician.

PACKAGING:

100, 25 and 5 lb containers

WASTE DISPOSAL:

When it becomes necessary to discard the spent solution, neutralization or the precipitation of the dissolved metals, and further treatment may be required in order to meet local, state, and federal waste control regulations. **KLT CHEMICAL CO., INC.** will assist you in selecting the proper *EnviroTreat 7000* waste treatment products to efficiently fulfill these regulations.

KEEP OUT OF REACH OF CHILDREN

ATTENTION: All empty, containers may still be hazardous because of product residue. All labeled hazardous precautions must be observed.

STORAGE:

To meet pollution control regulations now being enforced by several states, **KLT CHEMICAL CO., INC.** recommends that *all chemical products* be stored and used in locations, which will not permit direct access to surface or sanitary drains. These areas should be constructed in such a manner that any chemicals lost can be either salvaged or suitably treated to prevent pollution of natural waters.

PRECAUTIONS:

WARNING!

**CAUSES IRRITATION
DO NOT GET IN EYES, SKIN, OR CLOTHING
DO NOT BREATHE MIST OR SPRAY
WEAR FACE SHIELD, GLOVES AND ARON WHEN
HANDLING THIS MATERIAL
WASH THOROUGHLY AFTER HANDLING**

First Aid: In case of contact, speed is essential. Flush eyes with plenty of water for at least fifteen minutes; ensure water flushing of entire surface of eye and lid. Flush skin with plenty of water for fifteen minutes, then wash with soap and water. Remove contaminated clothing and shoes promptly; launder clothing before re-use; discard shoes.

GET IMMEDIATE MEDICAL ATTENTION

Read MSDS before using KolorRite 5219

DATA AND INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE DEPENDABLE AND RELIABLE; HOWEVER, THE ACCURACY OR COMPLETENESS IS NOT GUARANTEED. SINCE THE ACTUAL USE OF KLT CHEMICAL CO., INC. PRODUCTS IS BEYOND ITS CONTROL, KLT CHEMICAL CO., INC. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, AS TO THE EFFECTS OF SUCH USE OR THE RESULTS TO BE OBTAINED, AND DISCLAIMS ANY AND ALL LIABILITY FOR LOSSES, INJURY OR DAMAGES (WHETHER CONSEQUENTIAL OR OTHERWISE) ARISING THEREFROM. NOTHING HEREIN IS TO BE CONSTRUED AS A RECOMMENDATION FOR ANY USE THAT MIGHT INFRINGE OR VIOLATE ANY THIRD PARTY PATENTS OR ANY LAWS OR REGULATIONS.