



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 2, 2020

Jaqueline Sumski
Agent for
Dalian Bio-Chem Company Limited
c/o Delta Analytical Corp
12510 Prosperity Drive Suite 160
Silver Spring, MD 20904

Subject: Notification per PRN 98-10 – To add optional concertation language in the table to update “contact name, address and other administrative changes
Product Name: Sanitized ® TH 24-27
EPA Registration Number: 91742-6
Application Date: March 19, 2020
Decision Number: 561811

Dear Ms. Sumski:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Zebora Johnson at (703) 308-7080 or via email at johnson.zebora@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathryn Montague".

Kathryn Montague, Acting PM 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

SANITIZED®* BRAND TH 27-24

FOR INDUSTRIAL USE ONLY

SANITIZED® is the registered trademark/ brandname of Sanitized (USA) Inc. for its BACTERIOSTATIC Chemicals.

*This product is not registered for use as a sanitizer

ANTIMICROBIAL ADDITIVE FOR TEXTILE FIBRES & MIXTURES THEREOF

ACTIVE INGREDIENT:	
Zinc 2-pyridinethiol-1-oxide	30.37 %
INERT INGREDIENTS	69.63 %
TOTAL	100.00 %

KEEP OUT OF REACH OF CHILDREN DANGER

[See side panel for additional precautionary statements]

STATEMENT OF PRACTICAL TREATMENT- FIRST AID

Have the product container or label with you when calling a poison center or doctor or going to treatment. [For emergency information on product, use, etc., call the National Pesticides Information center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222.]

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Call 860-868-9491 for additional medical advice

EMERGENCY CONTACT (24-Hour-Number), GBK/Infotrac ID 106460: USA domestic 1 800 535 5053 or international (001) 352 323 3500

Manufactured by:
SANITIZED (USA) Inc.
15720 Brixham Hill Ave, Suite 300
Charlotte, NC, 28277
Tel. (704) 926-6570

EPA Reg. No. 91742-6

EPA Est. No. 91742-CHE-1

Net Contents _____

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. May be fatal if swallowed or inhaled. Do not breathe vapor or spray mist. Harmful if absorbed through skin. Wear protective eyewear (goggles, face shield or safety glasses). Wear protective clothing and rubber gloves. Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with an N, R, P, or HE prefilter. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE INSTRUCTIONS: Store in original containers and place in locked storage area. Keep from freezing. Moisture sensitive. Keep container closed until ready for use and after use.

SPILL OR LEAK PROCEDURES: Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

PESTICIDE DISPOSAL: Pesticides wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse (or equivalent) empty container with water. Then offer for recycling or reconditioning. If not available, puncture and dispose of in a sanitary landfill.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling,

- Do not use in the manufacture or treatment of items that may come in contact with food.
- Use only under an agreement with **Sanitized (USA) Inc, Charlotte NC.**
- Do not use for the production of health care products or products intended to decrease the transmission of disease (items regulated by the Food & Drug Administration)
- Finished products incorporating the above product may not make claims of antimicrobial activity that exceed what is permitted in PR Notice 2000-1

USE, BLENDING AND FORMULATING INSTRUCTIONS FOR THE LISTED MATERIALS

This product is an antimicrobial formulation designed to be incorporated into textile fibers and mixtures thereof at various stages of their manufacturing process to preserve the integrity of the manufactured materials. Manufactured material may be used in the following applications:

Padding	The product can be applied at any usual pick-up ratio. Best results are obtained at a slightly acidic pH value. Sanitized® TH 27-24 is not sensitive to pH values, except when used in strong basic and acidic environments.
Foaming	Sanitized® TH 27-24 is applied in the foaming bath according to the instructions for the foaming agent. In order to achieve a good penetration and a homogeneous finish on heavy and medium weight fabrics the application should be carried out on the fabric in humid state.
Coating	Sanitized® TH 27-24 can be mixed in coating masses and thus be applied to the substrate. The influence on viscosity should be checked in pre-trials. The concentration should be chosen in relation to the dry weight of the coated textile.
Drying / Curing	The thermal exposure during drying and curing should be minimized. Keep the drying time as short and the drying temperature as low as possible. Condensation is not necessary.
Concentration	Depending on article end use, finish requirements and basic weight of fiat fabric unit. The amount is relative to the dry weight of the textile to be treated.

Concentration related to the weight of flat fabric:

Padding Use concentration in g/L in relation to textile weight

Application [%]	Liquor pick-up [%]									
		40	50	60	70	80	90	100	110	120
		g/l Bath concentration								
[0.4	10.0	8.0	6.7	5.7	5.0	4.4	4.0	3.6	3.3]	
0.5	12.5	10.0	8.3	7.1	6.3	5.6	5.0	4.5	4.2	
0.6	15.0	12.0	10.0	8.6	7.51	6.7	6.0	5.5	5.0	
0.7	17.5	14.0	11.7	10.0	8.8	7.8	7.0	6.4	5.8	
0.8	20.0	16.0	13.3	11.4	10.0	8.9	8.0	7.3	6.7	
1.0	25.0	20.0	16.7	14.3	12.5	11.1	10.0	9.1	8.3	
1.2	30.0	24.0	20.0	17.1	15.0	13.3	12.0	10.9	10.0	

The finished product contains 0.4% [or 0.5%] to 1.2% by weight of the additive

FIELDS OF APPLICATION

Home textiles, technical textiles, fibers and heavy fabrics, wearing apparel.

Home textiles: Shower curtains, mattress tickings, carpets, textile wall coverings, textiles for upholstery, indoor and outdoor furniture.

Technical Textiles: Tents, sleeping bags, construction textiles, backpacks, sails, shoe linings, wiping cloths

Heavy Fabrics: Tarpaulins, sun blinds, sunshades, umbrellas, sails, belts, ropes.

Wearing apparel: Work-wear, uniforms, sportswear, slacks, shirts, underwear, sweatshirts, sweatpants, socks, oven mitts, slippers, bathrobes, gloves, hats, scarves, jackets, incontinence pad cover stock, washable incontinence briefs/panties.