

LEADER 3 is manufactured in the UNITED STATES OF AMERICA by THE OFFICIAL CORPORATION, CO., CORPUS CHRISTI, TEXAS, USA

**LIEFER 1 - Fert. Disinfektions-Abraums und Saniererkennt (150 g PPM 111/12/2016 (durchgez.)**

Dealers, Distributors, Businesses etc. are welcome. Products are and will soon need jobs. Do not wait in cases, or suffer or do nothing. Hurry up if possible. Good opportunities exist for food.

## **PERIODIC TABLE STRATEGIES**

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FDA REG. NO. 35071, 1982, 1, EPA SYMBOL, 47923-E, Part 1,  
MSDS, Dated 4/27/82, Replaces 8/15/82.

**LIFFE'S® SURFACE DISINFECTANT**

**DISINFECTANT AND SANITIZER FOR HOSPITALS**

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SDA-186 (Rev. 1-1981) G. EPA-SMP-4/SDA-186-1  
Edition 1, 1981 - September 6, 1982

(EPA)

5.1. Disinfectant - For food contact food surfaces, including food processing equipment, furniture, fixtures, equipment, and other apparatus used in food preparation.

Example of use: (1) Remove all food contact surfaces from equipment, utensils, fixtures, furniture, and other apparatus used in food preparation. (2) Wash surfaces with a sanitizing solution containing at least 100 ppm available chlorine. (3) Rinse surfaces with water. (4) Sanitize surfaces with a chlorine solution containing at least 50 ppm available chlorine. (5) Rinse surfaces with water. (6) Dry surfaces with a clean cloth or paper towel. (7) Reuse surfaces after 4 hours. (8) Handle food items always and in time sequence, starting with raw items and ending with ready-to-eat items.

5.2. Disinfectant - For food contact food surfaces, including food processing equipment, furniture, fixtures, equipment, and other apparatus used in food preparation.

Example of use: (1) Remove all food contact surfaces from equipment, furniture, fixtures, and other apparatus used in food preparation. (2) Wash surfaces with a sanitizing solution containing at least 100 ppm available chlorine. (3) Rinse surfaces with water. (4) Sanitize surfaces with a chlorine solution containing at least 50 ppm available chlorine. (5) Rinse surfaces with water. (6) Dry surfaces with a clean cloth or paper towel. (7) Reuse surfaces after 4 hours. (8) Handle food items always and in time sequence, starting with raw items and ending with ready-to-eat items.

It is important to follow all steps in this procedure in the order listed, starting with step 1.

Use frequently as a surface becomes dirty but not less than once daily. (1) Apply LIFEX 1 by spray or other suitable application and then fully wet the surface. (2) Wash surface with a clean sponge, brush, or cloth to disperse LIFEX 1 and dislodge surface dust and dirt. (3) Rinse surface with water. (4) Immerse sponge and brush in disinfected water rinse for 5 minutes. (5) Drain and dry surface. (6) Sanitize surface so that it remains wet for a minimum of 10 minutes. (7) Rinse to dry surface. (8) Thoroughly rinse all food contact surfaces with potable water prior to use. (9) Block off wet areas, and AVOID SLIPPING ACCIDENTS. (10) For filthy or extra dirty surfaces, preclean the surface with water and detergent and rinsed them, proceed as above beginning with step 1.

5.3. For kennels, animal facilities, and livestock transports, housing, and feeding surfaces: (1) Remove all animals and feeds from kennels and crates, and trucks. (2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or frequented by animals. (3) Empty all troughs, racks, feeders, and water appliances and clear off all surfaces of animal restraining devices, forks, shovels, scrapers, and waste containers. (4) Thoroughly scrub all surfaces with a generous amount of LIFEX 1 and rinse with potable water. (5) Then, reapply LIFEX 1 so that surface remains wet for 10 minutes. (6) Ventilate kennels, cages, buildings, coops, and other closed spaces. Do not house livestock or use equipment until treatment has been completed. (7) All treated feed racks, wagons, troughs, automatic feeders, fountains, and waterers must be thoroughly rinsed with potable water prior to reuse.

LIFEX 1 is moderate CPA color, and the solution should not be used if there is a noticeable change in color. Keep container cap tightly closed. Avoid contact with starch composition materials as the iodine will turn blue - which is removable with soap and water.

#### Effectiveness

Iodophors yielding free iodine are established disinfectants of viruses, bacteria, and fungi and, the LIFEX 1 composition has been determined effective on: *Salmonella*, *Tuberculosis*, *Escherichia coli*, *Streptococcus*, *Pseudomonas aeruginosa*, *Trichophyton mentagrophytes*, *Influenza A2* (Hong Kong), and *Herpes Simplex*.

#### Disposal

Do not reuse container except to refill it with LIFEX 1. Crush or cut empty container and discard in trash collection or, rinse container thoroughly with water before discarding.

#### PRECAUTIONARY STATEMENTS

##### Hazard to Humans and Domestic Animals

Danger. Corrosive. Causes eye damage. Causes skin irritation. Protect eyes and skin when handling. Do not get in eyes or on skin or on clothing. Harmful if swallowed. Avoid contamination of food.

FIRST AID: In case of contact with eyes and skin, flush immediately with plenty of water. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink dropwise a large quantity of milk, egg whites, saturated solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

USE LIFEX 1 - For Disinfecting Places and Equipment (150 PPM titratable iodine).

LIFEX 2 - For Disinfecting Instruments and Devices (100 PPM titratable iodine).

LIFEX 3 - For Sanitizing Food and Drug Equipment (25 PPM titratable iodine).

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5542, AB-5542, 1984-1985, 1987-88, 1989-90.

Fig. 1. Panel after heat + fungicide, 2 days.

1.  $\text{H}_2\text{O} + \text{C}_2\text{H}_5\text{OH} \rightarrow \text{CH}_3\text{COCH}_3 + \text{H}_2\text{O}$  (Acetone) (100% yield)

Parameter	Value	Description
Max. Number of Iterations	1000	Maximum number of iterations for the optimization process.
Step Size	0.01	Step size for the gradient descent algorithm.
Convergence Tolerance	1e-05	Tolerance level for determining convergence.
Initial Parameters	[1, 2, 3]	Initial values for the parameters being optimized.
Optimization Method	Gradient Descent	The optimization algorithm used to find the minimum of the function.
Final Objective Value	0.0001	The value of the objective function at the optimal solution.
Optimal Parameters	[1.0001, 2.0001, 3.0001]	The values of the parameters that minimize the objective function.

• Portable  
• 25 ppm  
• Inflatable  
• Reusable  
• Ready to use  
• 10 minute seal time  
• 50000+ student approvals

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### Octave [Fingered note]

**Active Ingredient:**  
Naphthalene poly (terephenoxy) ethanol-iodine complex...0.25%

\* Providing 15 feet of tratable volume.

Read Out Of Book Of Chidren  
Song

See bottom panel for additional precautions and first aid.

For use as a final sanitizing rinse of food contact surfaces and articles.

- \* HOSPITALS, NURSING HOMES, OTHER HEALTH CARE FACILITIES.
  - \* INSTITUTIONS.
  - \* FOOD AND DRUG PROCESSING/PACKAGING FACILITIES.
  - \* RESTAURANTS, DINING ROOMS, AND ENTERTAINMENT FACILITIES.
  - \* RESORTS, HOTELS, AND CONVENTION FACILITIES.

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### **Net Patients' Gain**