

MIL-DTL-11309J

**DISINFECTANT, FOOD SERVICE**

**(CHLORINE-IODINE TYPE)**

**6840-00-810-6396**

**MIL-DTL-11309H-TYPE I**

This item is for use by military and other personnel assigned OCONUS for the disinfection of mess gear, fresh fruits and vegetables when hot water is not available.

**ACTIVE INGREDIENTS:**

Trichloromelamine ..... 19.3 %

Potassium Iodide ..... 28.6 %

**INERT INGREDIENTS:** ..... 52.1 %

**TOTAL**..... 100.0 %

**AVAILABLE CHLORINE** 250 mg/l (ppm)

**TITRATABLE IODINE** 300 mg/l (ppm)

**Keep Out of Reach of Children**

**DANGER**

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS AND FIRST AID**

Manufactured For:  
US Army Research, Development, and  
Engineering Command  
Natick Soldier Center  
AMSRD-NSC-CF-P  
15 Kansas St.  
Natick, MA 01760-5018

Lot No.

Date

**ACCEPTED**  
DEC 1-3 2006  
Under the Federal Insecticide, Fungicide, and  
Rodenticide, Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 40510-1

Contract Holder:

\_\_\_\_\_  
[Name & Address]  
\_\_\_\_\_

Contract No.

\_\_\_\_\_

EPA Est. No.

\_\_\_\_\_

EPA Reg. No. 40510-1

Inspection Test Date:

FIGURE 1. EPA approved front label.

**RECEIVED**  
11-22-06

**DIRECTIONS FOR USE**

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

a. For disinfection of mess gear (intended for use only when hot water rinse is not available):  
The double compartmented pouch is sufficient for treating 25 gallons of water resulting in a dosage of approximately 257 mg/l of chlorine and 300 mg/l of iodine. To treat 100 sets of mess gear, dissolve the contents of one double compartmented pouch of Disinfectant, Food Service (consisting of one trichloromelamine pouch labeled pouch A and one potassium iodide pouch labeled pouch B) in a container containing 25 gallons of water. Repeat the above procedure with a second container containing 25 gallons of rinse water. If water is cold, mix contents of the double compartmented pouch with 3 to 4 parts of water in a small container (canteen cup will do) and pour the mixture into the rinse water. Repeat for the second container of 25 gallons of water. Stir thoroughly to dissolve. After washing each set of mess gear, rinse twice - once in the first container of disinfectant solution and a final rinse in the second container of disinfectant solution. Allow mess gear to air dry. A new solution must be prepared after disinfecting 100 mess kits.

- b. For fresh fruits and vegetables:
  1. Remove bruised and torn leaves and damaged fruits or vegetables.
  2. Do not cut or peel fruits or vegetables before disinfecting.
  3. Wash thoroughly in a solution made by dissolving the contents of one double-compartmented pouch (pouch A and pouch B) in 20 gallons of water. This solution will yield approximately 320 mg/l of chlorine and 380 mg/l of iodine.
  4. After washing, completely immerse the fruits and vegetables for ten (10) minutes in a separate freshly prepared solution made by dissolving one double-compartmented pouch of Disinfectant, Food Service in 20 gallons of water. Stir occasionally to obtain thorough wetting of vegetables and fruit surfaces.
  5. After ten (10) minutes of immersion, remove the fruits and vegetables from the disinfectant solution and rinse thoroughly in potable water.

**NOTE: SOLUTIONS OF DISINFECTANT, FOOD SERVICE ARE NOT TO BE REUSED, MAKE FRESH SOLUTIONS FOR EACH USE**

**STORAGE AND DISPOSAL**

Store in a cool, dry, well ventilated area away from contact with other chemicals and solvents. Moisture contamination may liberate irritating and hazardous chlorine containing gases. Rinse empty pouches thoroughly with water and discard them in a safe place.

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed. May cause eye damage. Do not get in eyes, on skin or clothing. Do not breathe dust.

**FIRST AID:**

- 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. Get immediate medical attention.
- IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get immediate medical attention.
- IF INHALED:** Move person to fresh air. If person is not breathing, call medical personnel, then give artificial respiration, preferably by mouth-to-mouth if possible. Get immediate medical attention.
- IF SWALLOWED:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by medical personnel. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

*Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.*

**PHYSICAL OR CHEMICAL HAZARDS**

Contains trichloromelamine which may react vigorously to evolve heat and highly toxic smoke under the following conditions: If it is exposed to extreme heat, if ignited by spark or flame, if mixed before dilution in water with certain organic materials, acid and alkalis.

**DO NOT MIX WITH OTHER CHEMICALS SUCH AS CLEANING COMPOUNDS, AMMONIA, ACIDS, SOLVENTS, OR OTHER ORGANIC MATERIAL.**

FIGURE 2. EPA approved back label.