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DEPARTMENT OF THE ARMY SUPPLY BULLETIN

HERBICIDES, PEST CONTROL AGENTS,
AND DISINFECTANTS

Headquarters, Department of the Army, Washington, D.C.
18 September 1968

1. Purpose. This bulletin furnishes guidance for Army facilities, other units and troops in the requisitioning of pesticides, rodenticides, fungicides, herbicides, disinfectants, and various sewer treatment compounds.

2. Definitions. *a.* Herbicides are materials which will destroy, prevent, or mitigate the activity of plant life. Selective herbicides will kill undesirable plants without serious injury to desirable types growing in the same area. Nonselective herbicides will destroy all forms of plant life. Soil sterilants make the soil incapable of supporting plant growth.

b. Pesticides are materials having the ability to destroy, or to mitigate the activity of, insects (insecticides), rodents (rodenticides), fungi (fungicides), nematodes, and other pests. Included under this definition are repellents, which prevent pest attack or damage by making unattractive to those pests the areas under treatment.

c. Disinfectants are materials which destroy disease germs or other harmful microorganisms.

d. Sewer treatment compounds are materials used for removing grease and controlling odors and root growth in sewer systems.

3. Scope. *a.* Supplies listed herein will normally be utilized at Department of the Army installations and for troop supply. Prior approval of the appropriate commands listed below will be obtained by the installations thereunder for local purchase of items to be substituted for the items listed in this bulletin.

(1) *Herbicides.* CONUS Army Commands, Military District of Washington, or the U.S. Army Materiel Command (acting upon recom-

mendation of the staff agronomist and with the concurrence of the command surgeon); all other installations, including overseas, will obtain, through appropriate channels, prior approval from the Chief of Engineers, ATTN: ENGMCFB.

(2) *Pesticides.* major commands or major subordinate commands.

b. Requisitions for items not included in this bulletin will have indicated on them the approval of the appropriate command as listed in *a* above.

c. Requisitions for all items other than FSNs 6840-823-7945 and 6840-864-5430 will be forwarded to Defense General Supply Center, Richmond, Va., routing identifier S9G, from all CONUS installations. Requisitions for FSNs 6840-823-7945 and 6840-864-5430 will be forwarded to Headquarters, U.S. Army Petroleum Center, Cameron Station, Alexandria, Va., routing identifier A95, from all CONUS installations. Oversea installations will utilize appropriate channels. For pesticides, the normal supply should be adequate for operations for a period of 60 days; major commands may issue directives authorizing requisition in accordance with requirements. The supply level of herbicides at installations will be approved by the engineer. The need for any of these items may vary seasonally and within geographic subdivisions of commands.

d. Service schools, laboratories, and other such agencies of the Army are authorized to requisition pesticides as needed for educational and training purposes.

4. Pesticides. a. Insecticides.

(1) Items to be issued for use by troops, dependents and other personnel.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|---|---------------------|---------------------|---|
| 6840-753-4973 | Rodenticide, Anticoagulant Bait Ready to use. | 5 lb can | \$1.10 | O-R-501 |
| 6840-253-3892 | Insecticide, DDT, 5% solution..... | 5 gal can | 3.00 | O-I-531 |
| 6840-844-7355 | Insecticide, Diazinon, 0.5% solution. | 1 gal can | .82 | MIL-I-21177 |
| 6840-753-4963 | Insect and Leech Repellant, Clothing Personal Application, 75% Diethyltoluamide (Deet). | 2 oz bottle | .23 | O-I-503, Type II Solution Concentration A |
| 6840-242-4217 | Insecticide, Lindane, 1%, dust. | 2 oz in 3 oz bottle | .06 | MIL-L-11490 |
| 6840-823-7849 | Insecticide Aerosol, Pyrethrum, 0.6% Pyrethrin (plus synergist). | 12 oz dispenser | .59 | O-I-507 Type I |

(2) Items to be issued to installation Engineers or preventive medicine units when approved by the surgeon and/or engineer.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|--|-----------------|---------------------|-----------------|
| 6840-270-8262 | Insecticide, Chlordane, 72% water Emulsifiable Concentrated. | 5 gal pail | \$27.60 | O-I-515 |
| 6840-543-7825 | Insecticide, Chlordane, 5% dust..... | 25 lb pail | 4.20 | MIL-I-21036 |
| 6840-932-7297 | Insecticide, Carbaryl, 80% Water Dispersable Powder. | 15 lb pail | 6.88 | O-I-00574 |
| 6840-285-4307 | Insecticide, DDT, Lindane, indoor fogging, 10% DDT and 2% Lindane (Not for use in subsistence warehouses). | 5 gal drum | 12.50 | O-I-561 |
| 6840-246-6432 | Insecticide, DDT, 25% Water Emulsifiable Concentrate. | 5 gal drum | 5.09 | O-I-558 |
| 6840-264-6692 | Insecticide, DDT, 75% Water Dispersable Powder. | 20 lb pail | 5.23 | O-I-568 |
| 6840-753-5038 | Insecticide, Diazinon, 2% Dust..... | 25 lb pail | 4.60 | MIL-I-22772 |
| 6840-782-3925 | Insecticide, Diazinon, 48% Water Emulsifiable Concentrate. | 1 gal can | 21.80 | O-I-520 |
| 6840-264-9043 | Insecticide, Dieldrin, 18% Water Emulsifiable Concentrate. | 5 gal drum | 17.40 | O-I-522 |
| 6840-242-4213 | Insecticide, Lindane, 12% Water Emulsifiable Concentrate. | 5 gal drum | 9.50 | O-I-533 |
| 6840-242-4219 | Insecticide, Lindane, 1% Dust..... | 25 lb pail | 3.36 | MIL-I-11490 |
| 6840-655-9222 | Insecticide, Malathion, 57% Water Emulsifiable Concentrate, Grade A. | 1 gal can | 7.76 | O-I-565 |
| 6840-685-5438 | Insecticide, Malathion, 57% Water Emulsifiable Concentrate, Grade A. | 5 gal pail | 30.00 | O-I-565 |
| 6840-685-5437 | Insecticide, Malathion, 57% Water Emulsifiable Concentrate, Grade B. | 55 gal drum | 277.00 | O-I-565 |
| 6840-926-1481 | Insecticide, Malathion, 95% Technical (nonemulsifiable) Grade B. | 55 gal drum | 392.00 | MIL-M-51064 |
| 6840-823-7946 | Insecticide, Methyl Bromide, 98% Fumigant Odorized. | 1 lb can | .64 | O-I-556, Type I |
| 6840-680-0142 | Insecticide, Methyl Bromide, 98% Fumigant Odorized. | 150 lb cylinder | 110.00 | I-I-556, Type I |
| 6840-926-9163 | Insecticide, Nailed, 85% Solution Concentrate. | 15 gal drum | 334.00 | |

Note. Following item to be issued only for disinsection of aircraft:

| | | | | |
|---------------|---|-----------------|-----|-------------|
| 6840-766-9631 | Insecticide, DDT, Pyrethrum Aerosol Formula G 1152. | 12 oz dispenser | .84 | MIL-I-51238 |
|---------------|---|-----------------|-----|-------------|

Note. Following item to be issued only on authority of the Surgeon General:

| | | | | |
|---------------|--------------------------------------|------------|------|---------|
| 6840-823-7945 | Insecticide, Malathion, 1% Dust..... | 25 lb pail | 3.33 | O-I-554 |
|---------------|--------------------------------------|------------|------|---------|

b. Insect Repellents.

(1) Items to be issued only when the Army Medical Services require their use.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|---|-----------|---------------------|---------------|
| 6840-270-8200 | Insect Repellent, Clothing Application, Formula M 1960. | 1 gal can | \$7.67 | MIL-I-12123 |

| | | Unit pkg. | Price per Unit pkg. | Specification |
|---------------|---|----------------|------------------------|---------------------------|
| 6840-281-2062 | Insect Repellent, Clothing Application, 90% Benzyl Benzoate. | 1 gal can | 6.10 | MIL-I-51022 |
| 6840-082-2541 | Insect and Leech Repellent, Clothing and Personal Application, 75% Diethyltoluamide Aerosol (Deet). | 6 oz dispenser | .66 | O-I-503, Type III, Size 2 |

(2) Item to be issued only when the Army Medical Services require its use in FSN 6545-782-2821 Survival Kit, individual, Hot-Wer environment.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|---|-------------|------------------------|--|
| 6840-935-0984 | Insect and Leech Repellent, Clothing and Personal Application, 75% Diethyltoluamide (Deet). | ½ oz bottle | .26 | O-I-503, Type II Solution Concentration A |

c. *Rodenticides*. To be issued under approval and use limitations per a(2) above.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|---|-----------------------------|------------------------|---------------|
| 6840-753-4972 | Rodenticide, Anticoagulant, Water Soluble (in cereal baits, to be diluted 1:9). | 1 lb can | .56 | O-R-00497 |
| 6840-285-7091 | Rodenticide, Zinc Phosphide, 75% Powder. | 1 oz bottle | .37 | O-R-511 |
| 6840-089-4664 | Rodenticide, Diphacin-Paraffin Bait block with 8-ft red binding tape. | 8 oz block 40 per carton | 9.19 | |
| 6840-246-6436 | Rodenticide, Calcium Cyanide, 42% Powder. | 1 lb can | .60 | O-R-501 |

d. *Fungicides*. To be issued as required by the using organization or personnel.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|--------------------------------------|-----------|------------------------|---------------|
| 6840-281-2766 | Mildew Preventive Tablets, 1 oz..... | 1 lb box | \$1.99 | MIL-M-10598 |

5. *Herbicides*. To be issued as required for use by the installation engineer and under the supervision of personnel trained in their proper use.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|--|--------------|------------------------|---------------|
| 6840-833-1217 | Herbicide, Amitrole (90%) (Amino- Triazole) Powder Form. | 24 lb pail | \$46.50 | O-H-190 |
| 6840-027-6467 | Herbicide, Borate-Bromacil Mixture 4% Bromacil, 71.2% DTP, 22.8% DTD, 2% Inert Ingredients. | 50 lb bag | 16.00 | |
| 6840-890-2146 | Herbicide, Bromacil, 80% Bromacil, 20% Inert Ingredients, Powder Form. | 50 lb drum | 228.00 | |
| 6840-926-9094 | Herbicide, Cacodylic Acid (blue) Liquid Form. | 55 gal drum | 385.00 | |
| 6840-684-8975 | Herbicide, Chlorate (25%)-Borate Mixture, Powder (Polybor-chlorate). | 50 lb bag | 5.70 | O-H-202 |
| 6840-681-9475 | Herbicide, Dacthal, 75% Dimethyl Ester of Tetrachloroterephthalic Acid, 25% Inert Ingredients Powder Form. | 50 lb drum | 118.00 | FED O-H-206 |
| 6840-577-4204 | Herbicide, Dalapon, Sodium Salt Powder (85%). | 50 lb drum | 348.00 | O-H-205 |
| 6840-905-4304 | Herbicide, Dicamba, 49% Dicamba, 43.1% Inert Ingredients, 7.9% Dimethylamine Salts of Related Acids, Liquid Form. | 1 gal bottle | 5.25 | |
| 6840-815-2799 | Herbicide, Diquat, 35.3% Diquat Dibromide, 64.7% Inert Ingredients, Liquid Form. | 5 gal drum | 120.00 | |
| 6840-825-7790 | Herbicide, Diuron, Powder Form (80%). | 50 lb drum | 130.00 | MIL-H-51152 |
| 6840-965-2071 | Herbicide, DSMA, 63% disodium methylarsenate, Powder Form. | 100 lb drum | 38.20 | O-H-204 |
| 6840-810-6920 | Herbicide, Fenuron, Pellets (25%)..... | 50 lb bag | 60.00 | MIL-H-51151 |
| 6840-514-0644 | Herbicide, Monuron, Powder (80%)..... | 50 lb drum | 113.00 | MIL-H-51153 |

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|---|-------------|---------------------|---------------------------|
| 6840-990-1464 | Herbicide, Picloram, 11.6% Potassium Salt, 88.4% Inert Ingredients, Pellet Form. | 50 lb drum | \$69.00 | |
| 6840-629-1638 | Herbicide, Picloram-Silvex Salt (Tordon 101) Liquid Form. | 5 gal drum | 57.00 | |
| 6840-926-9093 | Herbicide, Picloram-Silvex Salt (Tordon 101) (White), Liquid Form. | 55 gal drum | 385.00 | |
| 6840-882-4810 | Herbicide, Silvex, Low Volatile Ester (4 lb acid per gallon). | 5 gal drum | 77.00 | |
| 6840-814-7334 | Herbicide, Simazine, Powder (80%) | 5 lb bag | 12.75 | O-H-207 Type I |
| 6840-664-7060 | Herbicide, 2,4-D, Liquid Form (4 lb acid/gal) Amine Salt. | 5 gal can | 11.95 | O-H-200 Type II |
| 6840-577-4194 | Herbicide, 2,4-D, Low Volatile Liquid Ester (4 lb acid per gal). | 5 gal drum | 18.30 | O-H-200 Type III Class 2 |
| 6840-577-4195 | Herbicide, 2,4-D, Low Volatile Liquid Ester (4 lb Acid/gal). | 55 gal drum | 181.00 | O-H-200 Type III Class 2 |
| 6840-825-7792 | Herbicide, 2,4-D, 2,4,5-T mixture Low Volatile Liquid Ester (2 lb each acid/gal). | 55 gal drum | 297.00 | |
| 6840-582-5440 | Herbicide, 2,4,5-T, Low Volatile Liquid Ester (4 lb acid per gal). | 5 gal can | 32.60 | O-H-210 Type II Class 2 |
| 6840-577-4201 | Herbicide, 2,4,5-T, Low Volatile Liquid Ester (4 lb acid per gal). | 55 gal drum | 348.00 | O-H-210 Type II Class 2 |
| 6840-926-9095 | Herbicide, 2,4-D and 2,4,5-T (orange). | 55 gal drum | 385.00 | MIL-H-51147 & MIL-H-51148 |

6. Disinfectants. To be issued as required by the using organization or personnel.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|--|---------------|---------------------|----------------|
| 6840-810-6396 | Disinfectant, Food Service, Type I | 4.47 oz pouch | .50 | MIL-D-11309D |
| 6840-530-7109 | Disinfectant, Germicidal and Fungicidal Concentrate, Liquid. | 1 gal bottle | 1.00 | O-D-406 Type I |
| 6840-753-4797 | Disinfectant, Germicidal and Fungicidal Powder, Phenol Type. | 1 oz pouch | .14 | MIL-D-51061 |

7. Deodorant.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|---|-----------|---------------------|---------------|
| 6840-721-6055 | Deodorant, General Purpose, Liquid Pressurized Dispenser. | 16 oz can | .41 | P-D-00200 |

Note. Above item for issue only to Hospitals and other medical facilities for use "in areas where patients have draining flesh wounds and/or patients who are in casts with deteriorating flesh". The provisions of paragraph 4-6b(1) (a)2, AR 40-5, are still valid. This item should not be issued for masking odors in latrines.

8. Miscellaneous. To be issued as required for use by the installation Engineer and under the supervision of personnel trained in their proper use.

| Federal stock No. | Item | Unit pkg. | Price per Unit pkg. | Specification |
|-------------------|--------------------------|-------------|---------------------|---------------|
| 6840-063-3981 | Algicide (Cuprose) | 50 lb bag | \$24.50 | |
| 6840-062-4337 | Sewer Treatment Compound | 50 lb pail | 15.00 | |
| 6840-062-4338 | Sewer Treatment Compound | 55 gal drum | 200.00 | |

By Order of the Secretary of the Army:

Official:

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