



DEPARTMENT OF THE NAVY  
NAVAL HOSPITAL  
CAMP LEJEUNE, NORTH CAROLINA 28542-5008



IN REPLY REFER TO

6260.3a  
371  
17 Jul 87

From: Commanding Officer  
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina  
28542 (Attn: AC/S Facilities Department)

Subj: HAZARDOUS MATERIAL INVENTORY OF NATURAL RESOURCE AND ENVIRONMENTAL  
AFFAIRS DEPARTMENT

Ref: (a) CO, NH, CLNC, ltr 6260.3a, 371/87-152-3a, dtd 29 Jun 87  
(b) MCO 5100.2s  
(c) 29 CFR 2910.1200

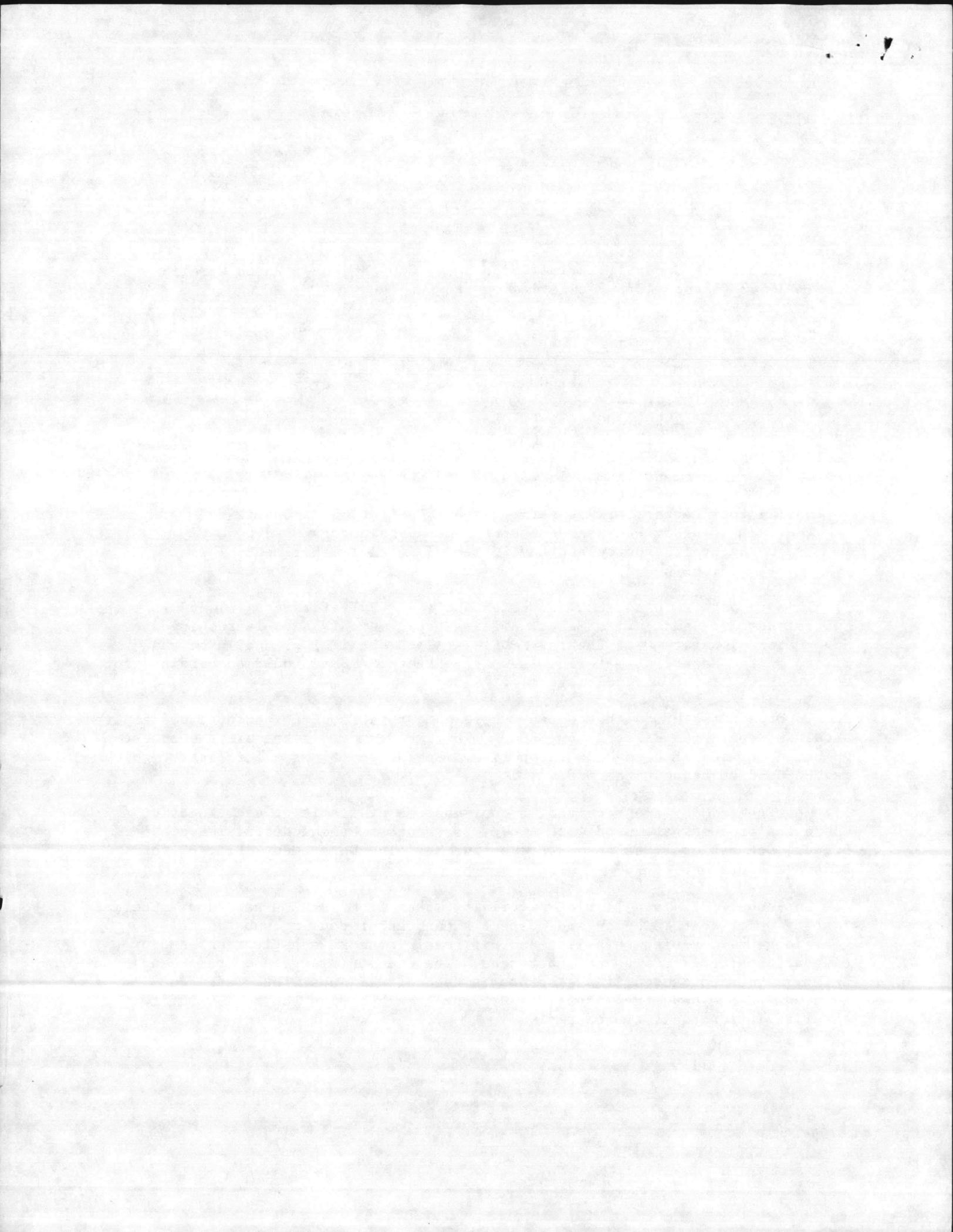
Encl: (1) Listing of Products Requiring Material Safety Data Sheet  
Procurement, Natural Resource and Environmental Affairs  
Department, MCB, CLNC  
(2) Form Letter for Requesting Material Safety Data Sheets  
(3) Listing of Human and Suspect Human Carcinogens Used by  
Natural Resource and Environmental Affairs Department,  
MCB, CLNC

1. This report is an addendum to reference (a). By references (b) and (c), the Natural Resource and Environmental Affairs Department (NREAD) is required to have Material Safety Data Sheets (MSDS) for each chemical product used and listed on the Hazardous Material Inventory Sheets. MSDS should be obtained for the products listed in enclosure (1).

2. To obtain the MSDS, the company whose name appears on the product container should be contacted directly by NREAD. The NREAD should make sure the latest up-dated version of each MSDS is on file. Enclosure (2) is a form letter which may be used to request the MSDS.

3. When these MSDS are received, a copy must be available at each location where the products are used with a copy forwarded to the Industrial Hygiene Branch, Occupational Health and Preventive Medicine Department, Bldg 65 for hazard evaluation.

4. Enclosure (3), is a list of materials, taken from NREAD's hazardous material listing which contain human and suspect human cancer-causing substances (carcinogens). Review this list and, if feasible, make substitutions and/or discontinue the use of these substances. The Industrial Hygiene Branch and Base Safety may be contacted if assistance is needed. If substitutes are found, obtain MSDS and send the Industrial Hygiene Branch copies for review before the materials are actually purchased.



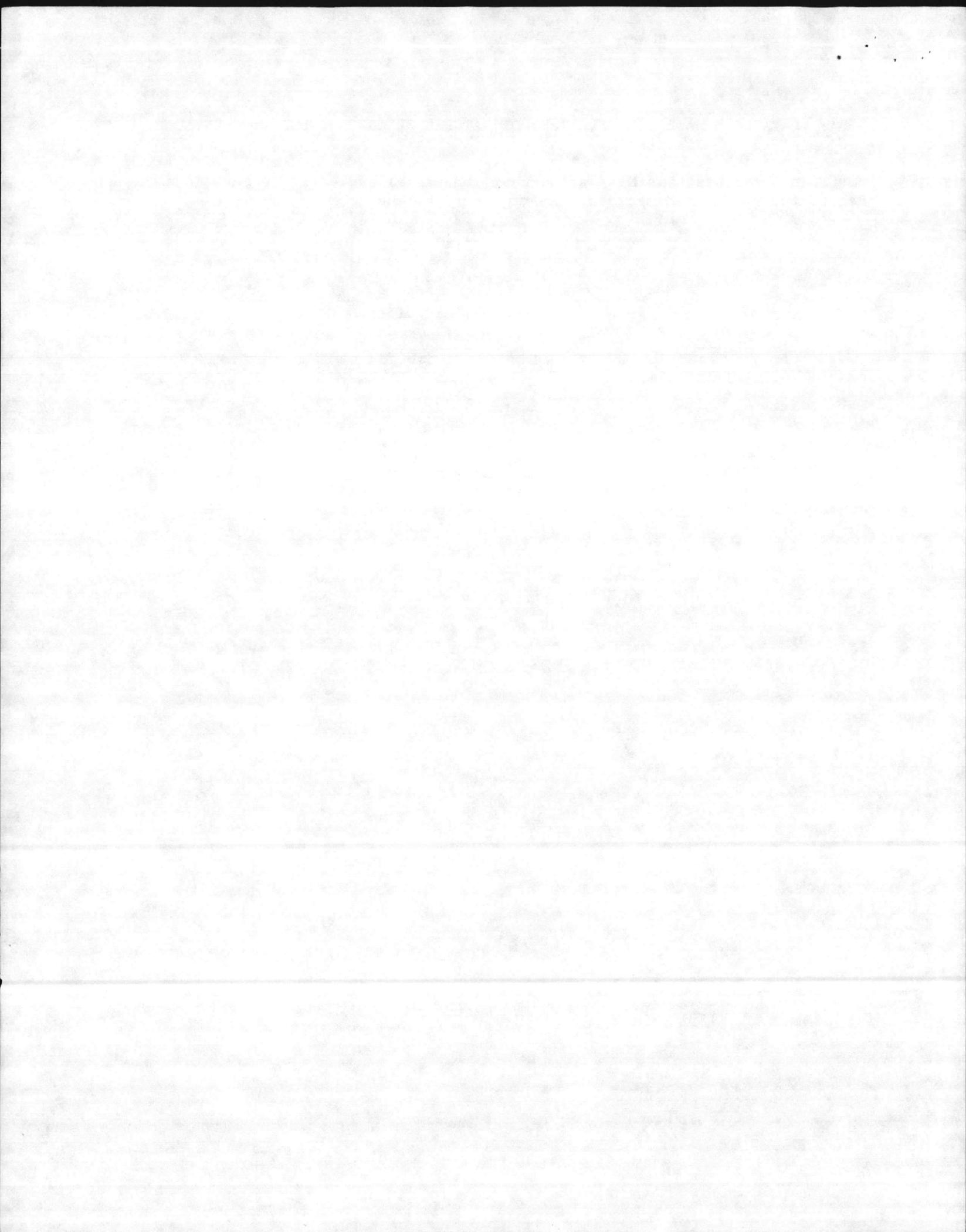


Subj: HAZARDOUS MATERIAL INVENTORY OF NATURAL RESOURCE AND ENVIROMENTAL  
AFFAIRS DEPARTMENT

5. Point of contact is Mr. Jeff Jones, Industrial Hygienist, Occupational  
Health and Preventive Medicine Department at extension 2707.

M. P. GENTRY  
By direction

Copy to:  
Director, NREAD  
Base Safety





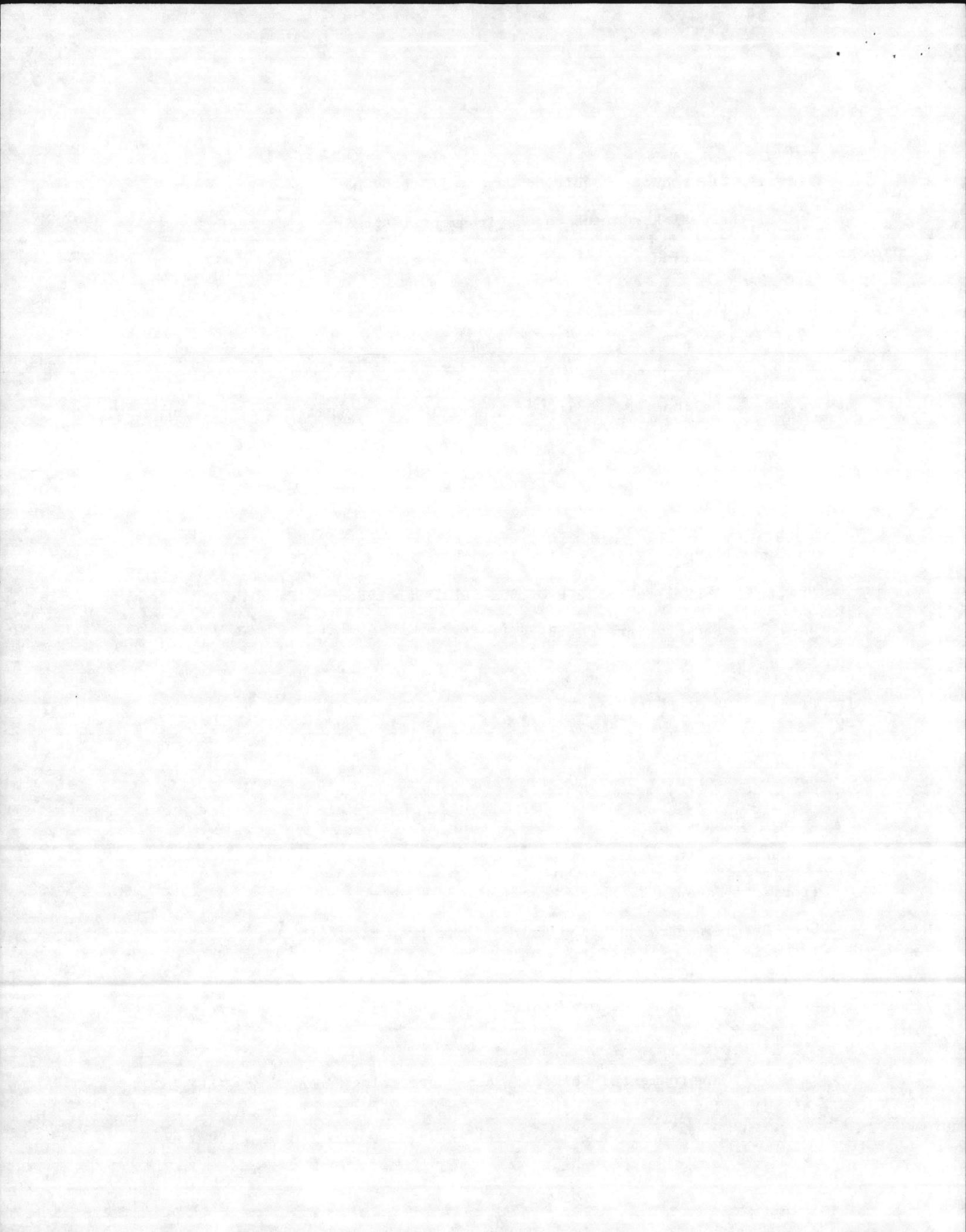
Listing of Products Requiring Material Safety Data Sheet Procurement

Natural Resources and Environmental Affairs Department

Marine Corps Base, Camp Lejeune, North Carolina

1. Product: Seed Germinator  
From: Pelinoc, Nitrogin Co., Inc., 3101 West Custer Ave, Milwaukee, WI  
53209  
Used By: Fish and Wildlife Branch, Bldg 1103
  
2. Product: Aerosol Paint - Blue-15C5, Black-2C5, Red-3C5  
From: Aervol Pacific, P.O. Box 2112, San Leandro, CA 94577  
Used By: Forestry Branch, Bldg 1103
  
3. Product: Redi-Spot Tree Wound Paint  
From: Kenco Division of Southern Coating Inc., Sumter, SC 29150  
Used By: Forestry Branch, Bldg 1103
  
4. Product: Chainsaw Oil  
From: Echo Inc., North Brock, IL 60062  
Used By: Forestry and Fish and Wildlife Branch, Bldg 1103
  
5. Product: Ammonium acetate (solid)  
From:  
Used By: Environmental Chemistry and Microbiology Laboratory (ECM Lab),

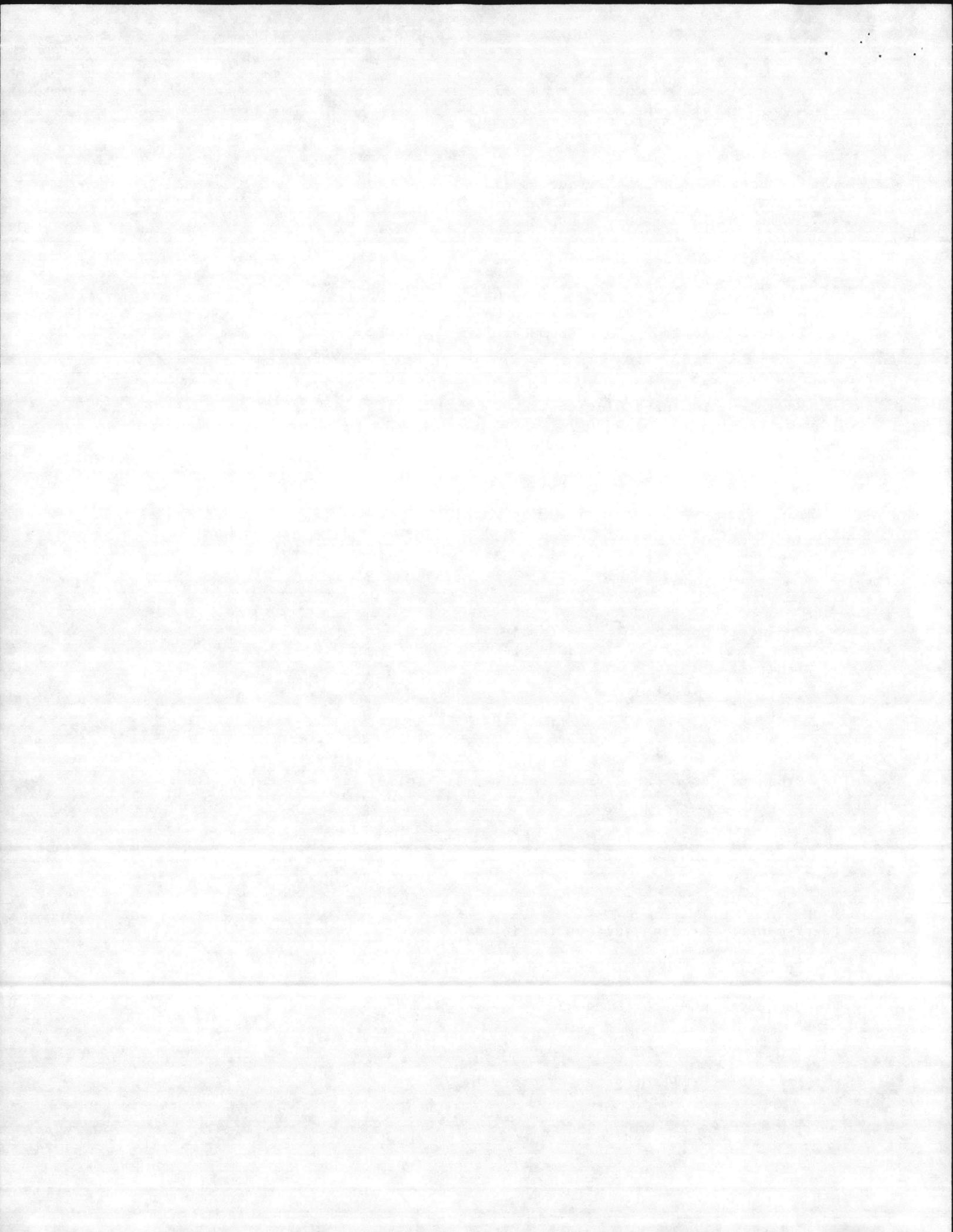
Encl (1)





Bldg 65

6. Product: Ammonium chloride (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
7. Product: Antimony potassium tartrate (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
8. Product: Ascorbic acid (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
9. Product: Barium chloride (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
10. Product: Bromcresol green sodium salt (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
11. Product: Brucine sulfate (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
12. Product: Brilliant green bile broth, 2%





From:

Used By: ECM Lab, Bldg 65

13. Product: Barnacle Buster - bottom cleaner

From: Boat Armor Marine Product, Division of Lan-O-Sheen, St. Paul, MN

55107

Used By: ECM Lab, Bldg 65

14. Product: Buffer, powdered

From: Beckman

Used By: ECM Lab, Bldg 65

15. Product: Cadmium metal

From:

Used By: ECM, Bldg 65

16. Product: Calcium carbonate (solid)

From:

Used By: ECM Lab, Bldg 65

17. Product: Calcium chloride (solid)

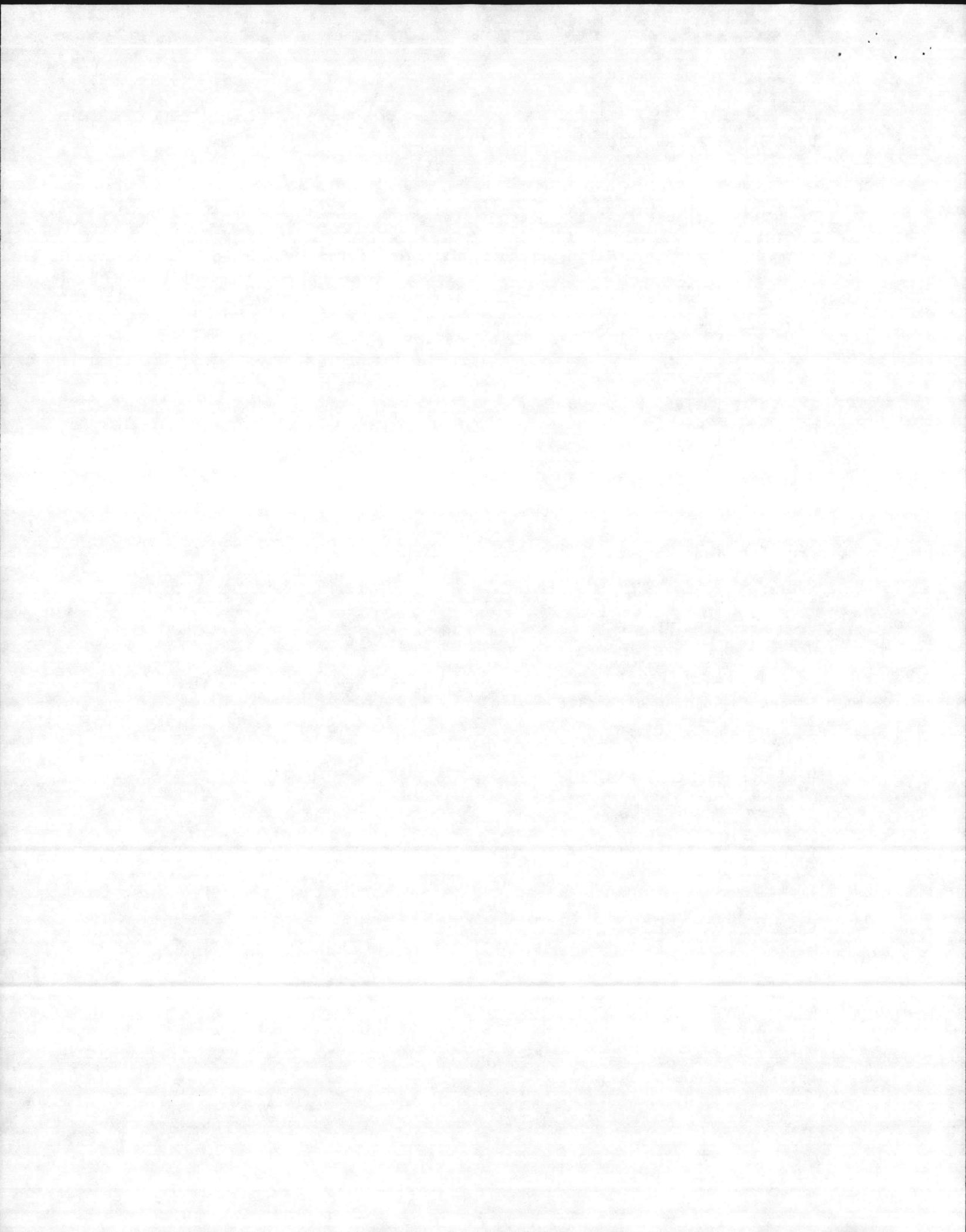
From:

Used By: ECM Lab, Bldg 65

18. Product: Chloroform (liquid)

From:

Used By: ECM Lab, Bldg 65





19. Product: N,N-diethyl-p-phenylene-diamine oxalate (solid) DPD oxalate

From:

Used By: ECM Lab, Bldg 65

20. Product: Ferric chloride (solid)

From:

Used By: ECM Lab, Bldg 65

21. Product: Ferrous ammonium sulfate (solid)

From:

Used By: ECM Lab, Bldg 65

22. Product: EMB Agar

From:

Used By: ECM Lab, Bldg 65

23. Product: EC medium

From:

Used By: ECM Lab, Bldg 65

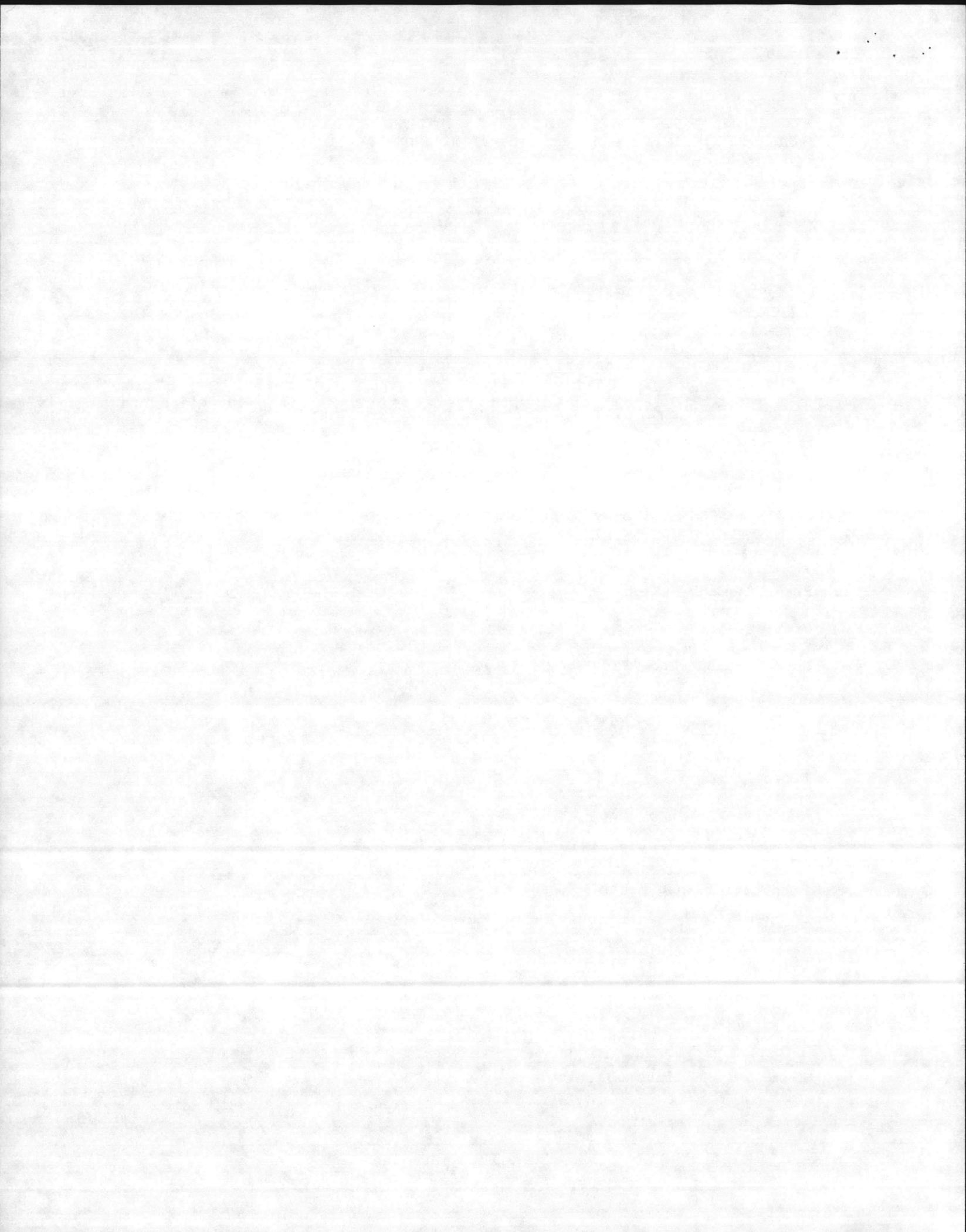
24. Product: M-Endo broth MF (solid)

From:

Used By: ECM Lab, Bldg 65

25. Product: Ethyl alcohol (liquid)

From: Mallinckrodt, Inc.





Used By: ECM Lab, Bldg 65

26. Product: Ethylene diamine tetraacetic acid, disodium salt (solid) EDTA

From:

Used By: ECM Lab, Bldg 65

27. Product: EDTA magnesium salt

From:

Used By: ECM Lab, Bldg 65

28. Product: Ethyl ether

From:

Used By: ECM Lab, Bldg 65

29. Product: MFC Broth base (solid)

From:

Used By: ECM Lab, Bldg 65

30. Product: Hexamethylene tetramine (solid)

From:

Used By: ECM Lab, Bldg 65

31. Product: Hydrazine sulfate (solid)

From:

Used By: ECM Lab, Bldg 65

32. Product: Hydroxylamine hydrochloride (solid)





From:

Used By: ECM Lab, Bldg 65

33. Product: Hydrochloric acid (liquid)

From: RICCA Chemical Co.

Used By: ECM Lab, Bldg 65

34. Product: Glycerol

From: Mallinckiodt, Inc.

Used By: ECM Lab, Bldg 65

35. Product: Iso-octane

From: American Burdick and Jackson, 1953 S. Harvey St., Muskegon,

MI 49442 (616) 726-3171

Used By: ECM Lab, Bldg 65

36. Product: Lead nitrate

From:

Used By: ECM Lab, Bldg 65

37. Product: Isopropyl alcohol (liquid)

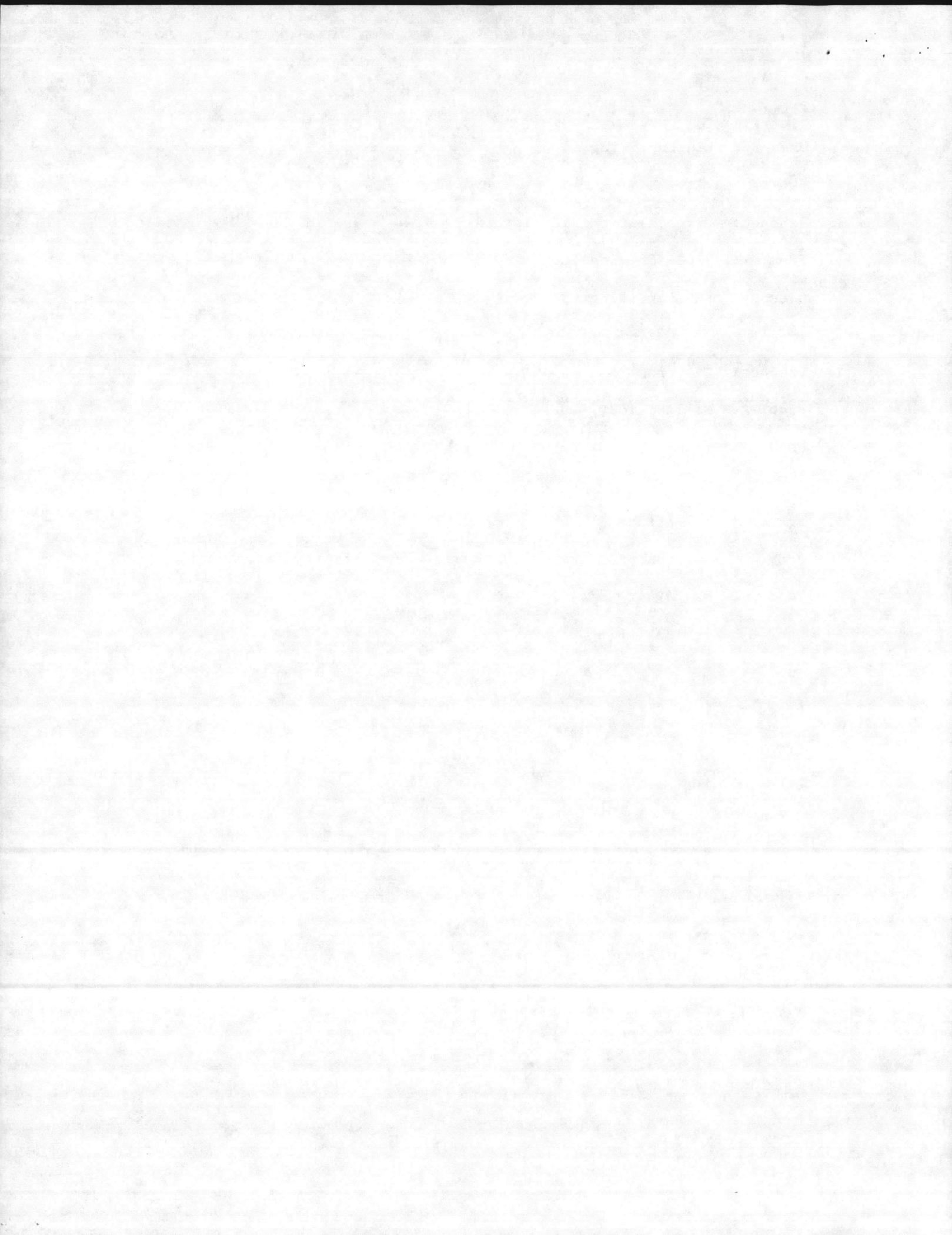
From:

Used By: ECM Lab, Bldg 65

38. Product: Magnesium sulfate (solid)

From:

Used By: ECM Lab, Bldg 65





39. Product: Mercuric chloride (solid)

From:

Used By: ECM Lab, Bldg 65

40. Product: Lavey tryptose broth

From:

Used By: ECM Lab, Bldg 65

41. Product: Octadecylamine (solid)

From:

Used By: ECM Lab, Bldg 65

42. Product: orthotolidine (solid)\*

From:

Used By: ECM Lab, Bldg 65

43. Product: Potassium bicodate (solid)

From:

Used By: ECM Lab, Bldg 65

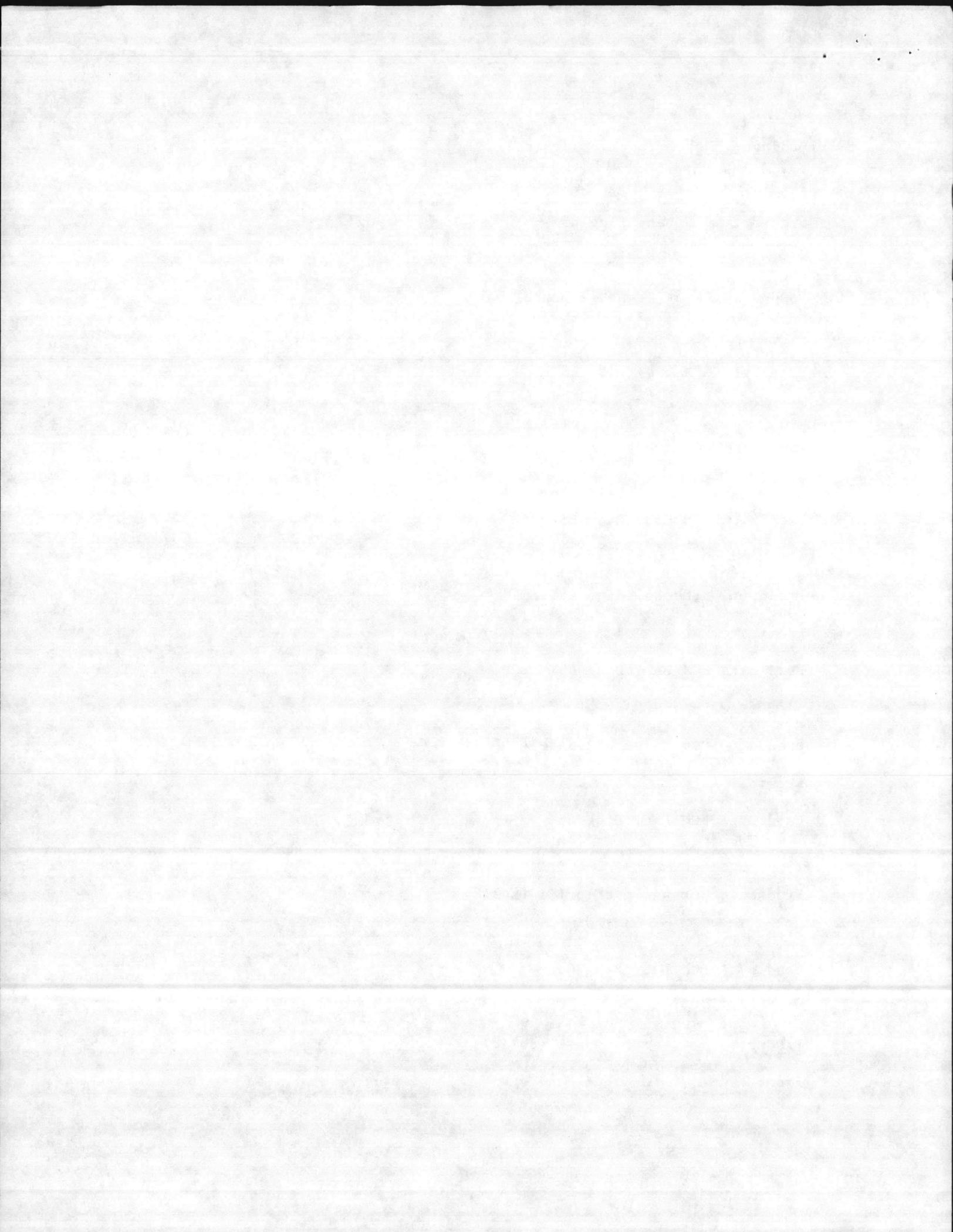
44. Product: Potassium chloride (solid)

From:

Used By: ECM Lab, Bldg 65

45. Product: Potassium iodate (solid)

From:





Used By: ECM Lab, Bldg 65

46. Product: Potassium nitrate (solid)

From:

Used By: ECM Lab, Bldg 65

47. Product: Potassium permanganate (solid)

From:

Used By: ECM Lab, Bldg 65

48. Product: Potassium phosphate, dibasic (solid) or dipotassium hydrogen phosphate

From:

Used By: ECM Lab, Bldg 65

49. Product: Potassium phosphate, Monobasic (solid) or potassium dihydrogen phosphate

From:

Used By: ECM Lab, Bldg 65

50. Product: Rosolic acid (solid)

From:

Used By: ECM Lab, Bldg 65

51. Product: Sodium acetate trihydrate (solid)

From:

Used By: ECM Lab, Bldg 65





52. Product: Sodium bicarbonate (solid)

From:

Used By: ECM Lab, Bldg 65

53. Product: Sodium carbonate anhydrous

From:

Used By: ECM Lab, Bldg 65

54. Product: Sodium chloride (solid)

From:

Used By: ECM Lab, Bldg 65

55. Product: Sodium fluoride (solid)

From: Mallanckrodt

Used By: ECM Lab, Bldg 65

56. Product: Sodium iodide (solid)

From:

Used By: ECM Lab, Bldg 65

57. Product: Sodium phosphate, dibasic (solid)

From:

Used By: ECM Lab, Bldg 65

58. Product: Sodium sulfide

From:





Used By: ECM Lab, Bldg 65

59. Product: Sodium tetraborate decahydrate (solid)

From:

Used By: ECM Lab, Bldg 65

60. Product: Standard plate count agar

From:

Used By: ECM Lab, Bldg 65

61. Product: Sulfanilic Acid (solid)

From:

Used By: ECM Lab, Bldg 65

62. Product: Sodium 2-(parasulfophenylazo)-1,8-dihydroxy-3,6-naphthalene  
disulfonate (solid)

From:

Used By: ECM Lab, Bldg 65

63. Product: X-wax stripper

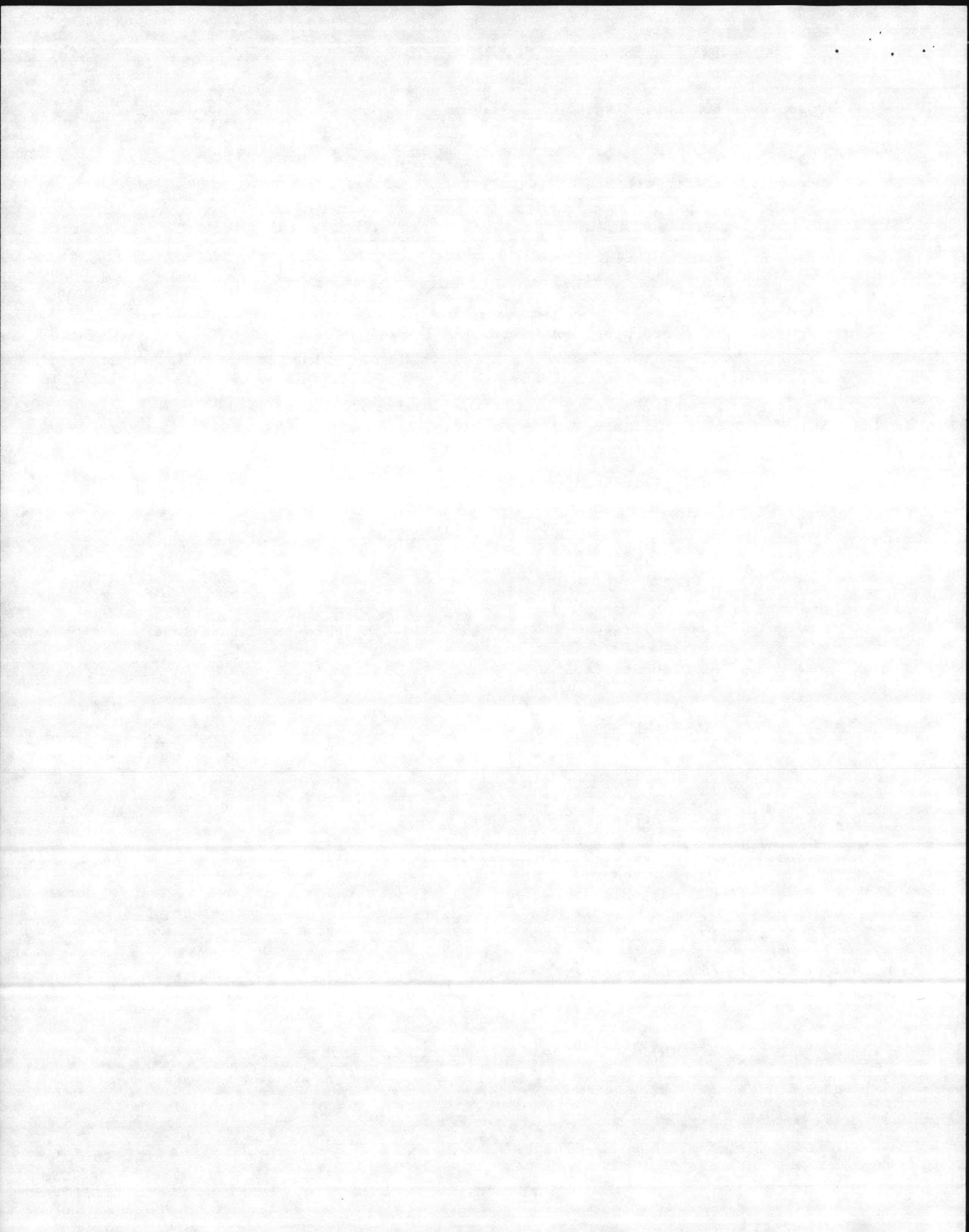
From: Amrep, Inc., 990 Industrial Pk. Dr., Marietta, GA 30062

Used By: ECM Lab, Bldg 65

64. Product: Zirconyl chloride octahydrate (solid)

From:

Used By: ECM Lab, Bldg 65





65. Product: Nitric acid (liquid)

From:

Used By: ECM Lab, Bldg 65

66. Product: Toner Kit #62-6150

From: A. B. Dick Co., 6700 W. Touhy Ave., Chicago, IL 60648

(312) 763-1900

Used By: Administrative Section, Bldg 1103

67. Product: Pentane

From: Burkdick and Jackson Labs

Used By: ECM Lab, Bldg 65

68. Product: Hexane UV

From: Burkdick and Jackson Labs

Used By: ECM Lab, Bldg 65

69. Product: Glycerine

From: Fisher

Used By: ECM, Bldg 65

70. Product: Methyl isobutyl ketone

From: Fisher

Used By: ECM Lab, Bldg 65

71. Product: Cedar Wood

From: Phillips and Byrd





Used By: ECM Lab, Bldg 65

72. Product: Cali-Solve

From: Nyco Products Co., Inc., Chicago, IL 60632

Used By: ECM Lab, Bldg 65

73. Product: Hericules Sizzle

From: Hericules Chemical Co., New York, NY 10021

Used By: ECM Lab, Bldg 65

74. Product: Bacterial Creme Cleanser, Easy Dab

From: National Chemical Lab, Philadelphia, PA 19123

Used By: ECM Lab, Bldg 65

75. Product: Dispersion lab detergent

From: Calgon Corp., Commercial Div., P.O. Box 147, St. Louis, MO 63166

Used By: ECM Lab, Bldg 65





Date

Manufacturer  
Address

Gentlemen,

This activity is responsible for the protection of the health and well being of its employees. To do this effectively, we maintain a file of chemical compositions of materials used. To complete our file, we are interested in obtaining a Material Safety Data Sheet on the following Product(s):

We are required to treat information concerning a proprietary product's composition as confidential. This information will be used only for the purpose of protecting the health and safety of our employees and for the security of U.S. Government property.

Should you find it necessary to withhold the exact formulation of your product we would appreciate receiving a list of ingredients and an approximate percentage composition. For example, if the exact formulation of a material is:

Methylene Chloride-----	50%
Methyl Ethyl Ketone-----	35%
Toluene-----	14.5%
Benzene-----	00.5%

an acceptable completion of Section II could be

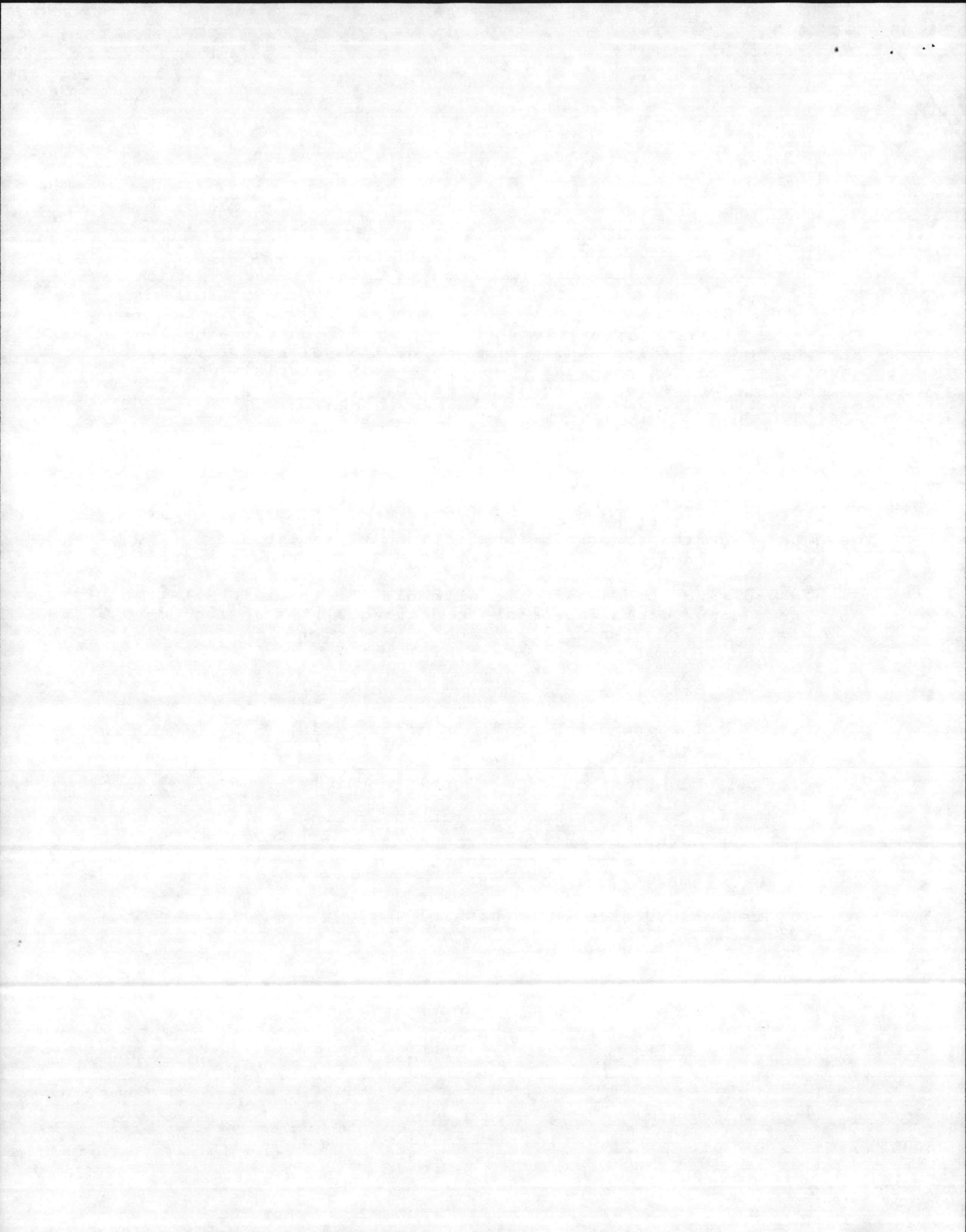
Methylene Chloride-----	Over 40%
Methyl Ethyl Ketone-----	20 - 40%
Toluene-----	Less than 25%
Benzene-----	Trace

A reply is desired as soon as possible. Your cooperation is appreciated.

Sincerely,



ENCLOSURE (2)





Listing of Human and Suspect Human Carcinogens

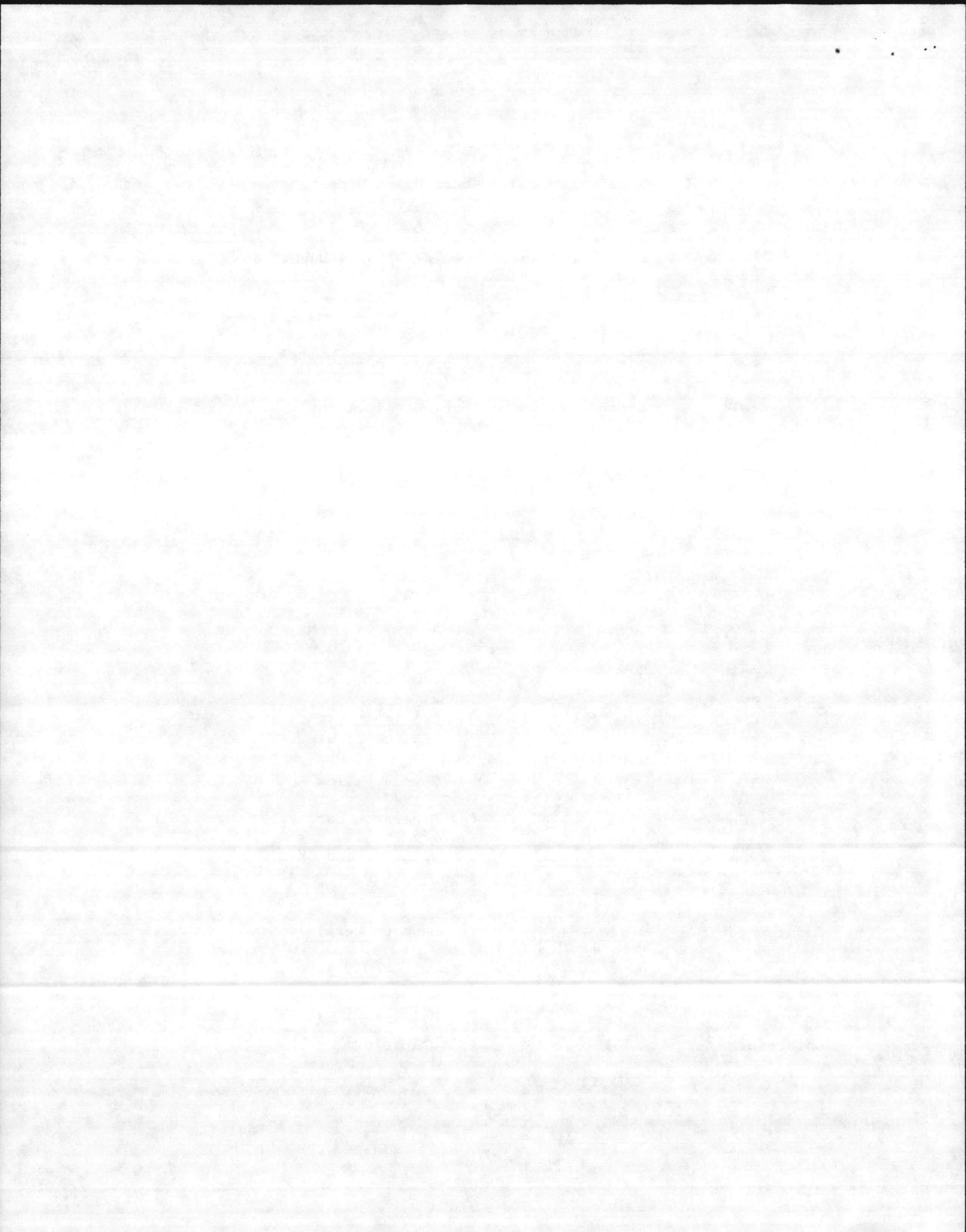
Used By

Natural Resources and Environmental Affairs Department,

Marine Corps Base, Camp Lejeune, North Carolina

Substance	Listed By	Carcinogenic Agent	
1. Formalin	ACGIH	(S) Formaldehyde	37-55%
	EPA		
	NTP		
2. Boundary Tree	ACGIH		
making paint	EPA		
-Orange Gun and	NTP	(H) Pigment: Molybdate	7%
brush type		Orange (Lead Chromate)	
		Chrome yellow	11%
-yellow Gun and		(H) Pigment: Chrome	17%
brush type		yellow (Lead Chromate)	
3. Cadmium Metal	CAG	(S) Cadmium Metal	
	EPA		
4. Chloroform	ACGIH	(S) Chloroform	
	CAG		

Encl (2)





EPA

NTP

5. Hydrazine Sulfate NTP (S) Hydrazine

6. Ortho-tolidine ACGIH (S) Ortho-tolidine

CAG

EPA

ACGIH = American Conference of Governmental Industrial Hygienist

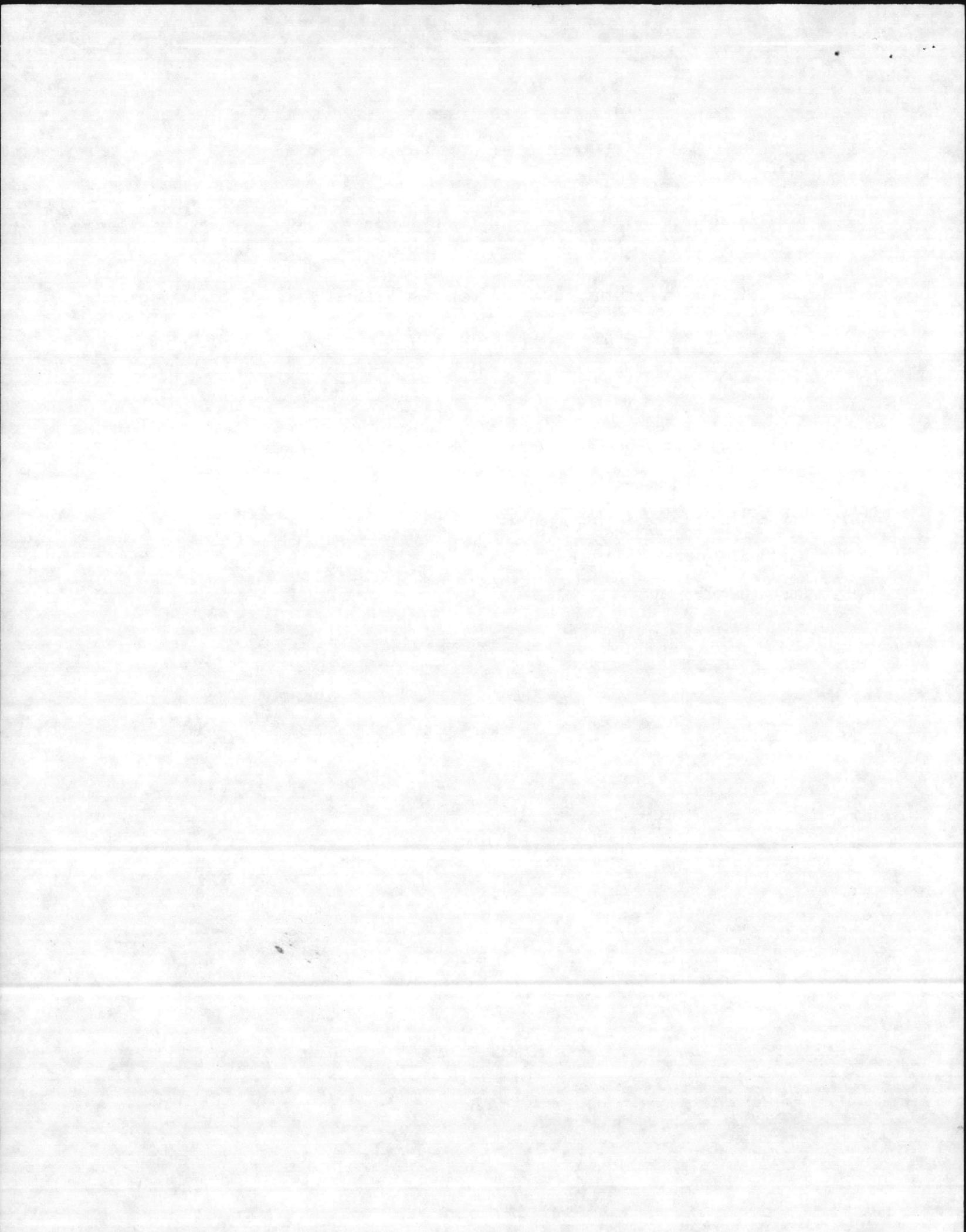
CAG = Carcinogen Assessment Group

EPA = Environmental Protection Agency

NTP = National Toxicology Program

(H) = Human Carcinogens

(S) = Human Suspect Carcinogens





DEPARTMENT OF THE NAVY  
NAVAL HOSPITAL  
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From: Commanding Officer  
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina  
28542 (Attn: AC/S Facilities Department)

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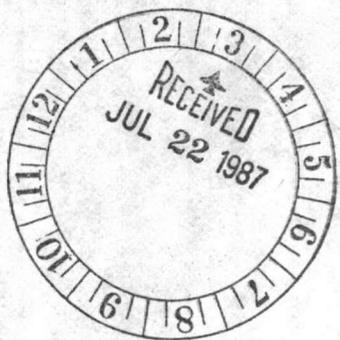
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Procurement, Natural Resource and Environmental Affairs  
Department, MCB, CLNC  
(2) Form Letter for Requesting Material Safety Data Sheets  
(3) Listing of Human and Suspect Human Carcinogens Used by  
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1. This report is an addendum to reference (a). By references (b) and (c), the Natural Resource and Environmental Affairs Department (NREAD) is required to have Material Safety Data Sheets (MSDS) for each chemical product used and listed on the Hazardous Material Inventory Sheets. MSDS should be obtained for the products listed in enclosure (1).

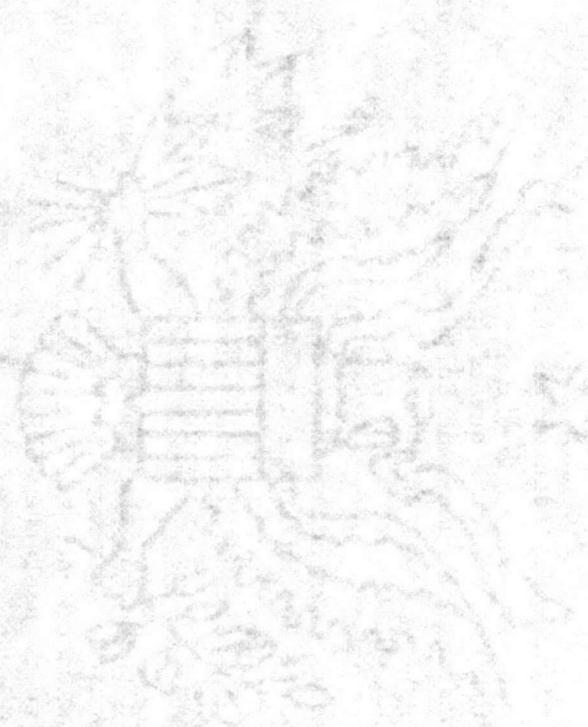
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3. When these MSDS are received, a copy must be available at each location where the products are used with a copy forwarded to the Industrial Hygiene Branch, Occupational Health and Preventive Medicine Department, Bldg 65 for hazard evaluation.

4. Enclosure (3), is a list of materials, taken from NREAD's hazardous material listing which contain human and suspect human cancer-causing substances (carcinogens). Review this list and, if feasible, make substitutions and/or discontinue the use of these substances. The Industrial Hygiene Branch and Base Safety may be contacted if assistance is needed. If substitutes are found, obtain MSDS and send the Industrial Hygiene Branch copies for review before the materials are actually purchased.



1987



U.S. POSTAL SERVICE  
FIRST CLASS PERMIT NO. 1000  
NEW YORK, NY 10001



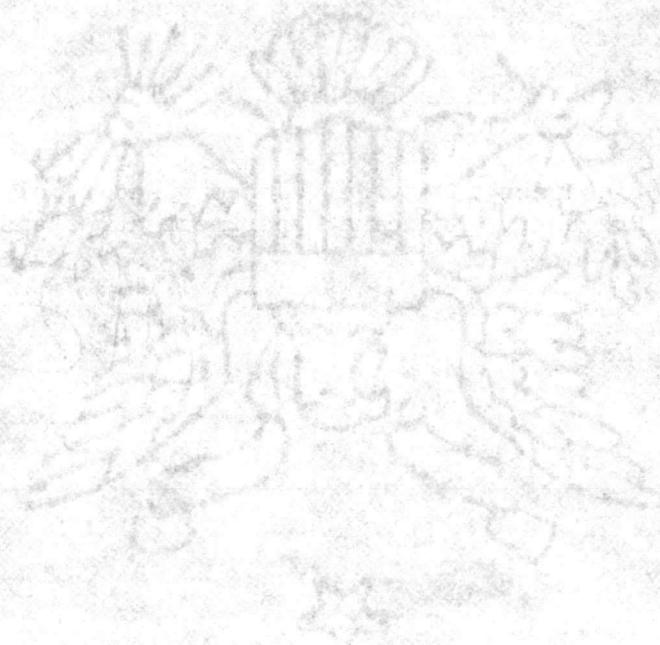
Subj: HAZARDOUS MATERIAL INVENTORY OF NATURAL RESOURCE AND ENVIROMENTAL  
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5. Point of contact is Mr. Jeff Jones, Industrial Hygienist, Occupational  
Health and Preventive Medicine Department at extension 2707.



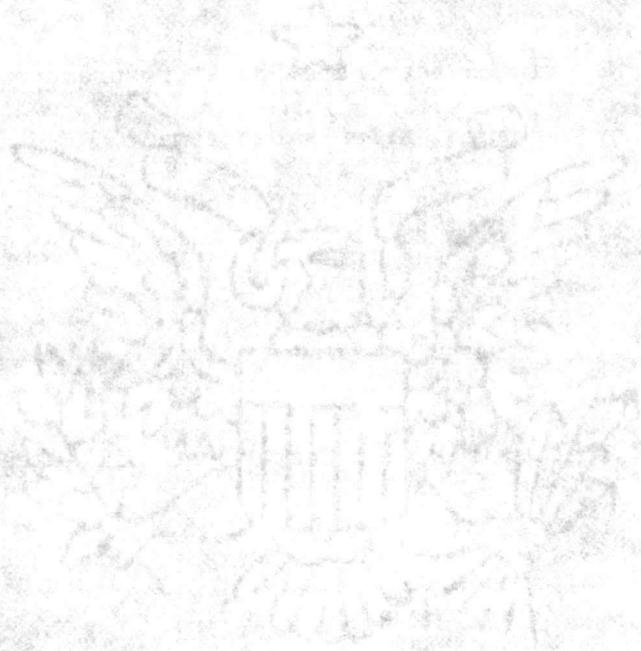
M. P. GENTRY  
By direction

Copy to:  
Director, NREAD  
Base Safety



Listing of Products Requiring Material Safety Data Sheet Procurement  
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Marine Corps Base, Camp Lejeune, North Carolina

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From: Pelinoc, Nitrogin Co., Inc., 3101 West Custer Ave, Milwaukee, WI  
53209  
Used By: Fish and Wildlife Branch, Bldg 1103
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From: Aervol Pacific, P.O. Box 2112, San Leandro, CA 94577  
Used By: Forestry Branch, Bldg 1103
3. Product: Redi-Spot Tree Wound Paint  
From: Kenco Division of Southern Coating Inc., Sumter, SC 29150  
Used By: Forestry Branch, Bldg 1103
4. Product: Chainsaw Oil  
From: Echo Inc., North Brock, IL 60062  
Used By: Forestry and Fish and Wildlife Branch, Bldg 1103
5. Product: Ammonium acetate (solid)  
From:  
Used By: Environmental Chemistry and Microbiology Laboratory (ECM Lab),



1956

Bldg 65

6. Product: Ammonium chloride (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
7. Product: Antimony potassium tartrate (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
8. Product: Ascorbic acid (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
9. Product: Barium chloride (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
10. Product: Bromocresol green sodium salt (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
11. Product: Brucine sulfate (solid)  
From:  
Used By: ECM Lab, Bldg 65
  
12. Product: Brilliant green bile broth, 2%



From:

Used By: ECM Lab, Bldg 65

13. Product: Barnacle Buster - bottom cleaner

From: Boat Armor Marine Product, Division of Lan-O-Sheen, St. Paul, MN  
55107

Used By: ECM Lab, Bldg 65

14. Product: Buffer, powdered

From: Beckman

Used By: ECM Lab, Bldg 65

15. Product: Cadmium metal

From:

Used By: ECM, Bldg 65

16. Product: Calcium carbonate (solid)

From:

Used By: ECM Lab, Bldg 65

17. Product: Calcium chloride (solid)

From:

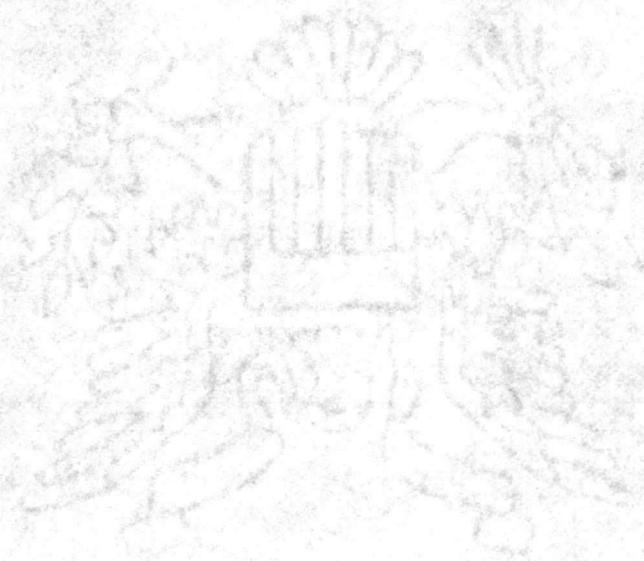
Used By: ECM Lab, Bldg 65

18. Product: Chloroform (liquid)

From:

Used By: ECM Lab, Bldg 65

1889



1889

19. Product: N,N-diethyl-p-phenylene-diamine oxalate (solid) DPD oxalate

From:

Used By: ECM Lab, Bldg 65

20. Product: Ferric chloride (solid)

From:

Used By: ECM Lab, Bldg 65

21. Product: Ferrous ammonium sulfate (solid)

From:

Used By: ECM Lab, Bldg 65

22. Product: EMB Agar

From:

Used By: ECM Lab, Bldg 65

23. Product: EC medium

From:

Used By: ECM Lab, Bldg 65

24. Product: M-Endo broth MF (solid)

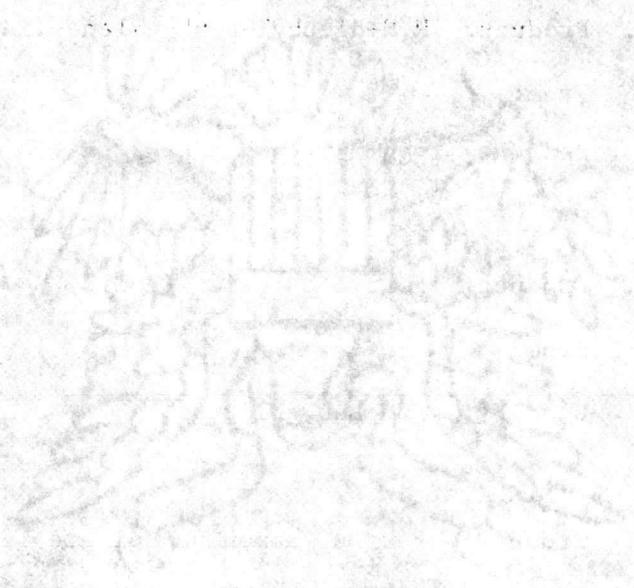
From:

Used By: ECM Lab, Bldg 65

25. Product: Ethyl alcohol (liquid)

From: Mallinckrodt, Inc.

1950



Used By: ECM Lab, Bldg 65

26. Product: Ethylene diamine tetraacetic acid, disodium salt (solid) EDTA

From:

Used By: ECM Lab, Bldg 65

27. Product: EDTA magnesium salt

From:

Used By: ECM Lab, Bldg 65

28. Product: Ethyl ether

From:

Used By: ECM Lab, Bldg 65

29. Product: MFC Broth base (solid)

From:

Used By: ECM Lab, Bldg 65

30. Product: Hexamethylene tetramine (solid)

From:

Used By: ECM Lab, Bldg 65

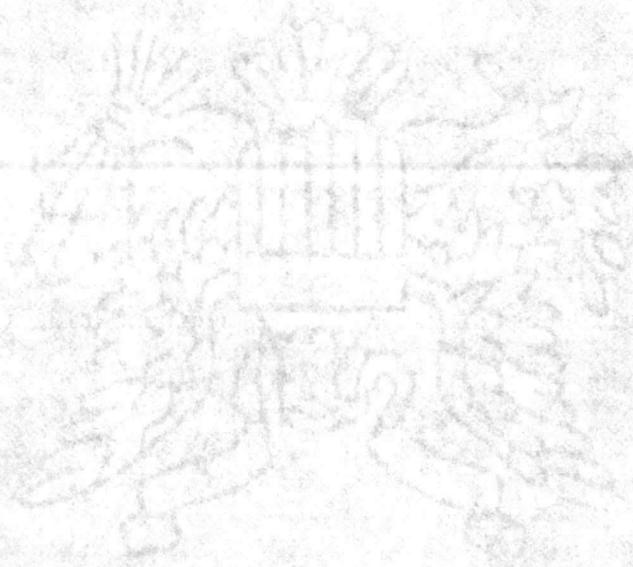
31. Product: Hydrazine sulfate (solid)

From:

Used By: ECM Lab, Bldg 65

32. Product: Hydroxylamine hydrochloride (solid)

9861



From:

Used By: ECM Lab, Bldg 65

33. Product: Hydrochloric acid (liquid)

From: RICCA Chemical Co.

Used By: ECM Lab, Bldg 65

34. Product: Glycerol

From: Mallinckiodt, Inc.

Used By: ECM Lab, Bldg 65

35. Product: Iso-octane

From: American Burdick and Jackson, 1953 S. Harvey St., Muskegon,

MI 49442 (616) 726-3171

Used By: ECM Lab, Bldg 65

36. Product: Lead nitrate

From:

Used By: ECM Lab, Bldg 65

37. Product: Isopropyl alcohol (liquid)

From:

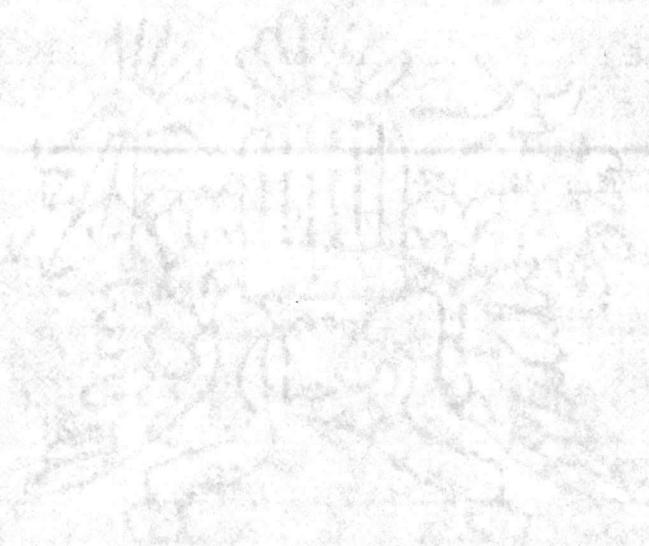
Used By: ECM Lab, Bldg 65

38. Product: Magnesium sulfate (solid)

From:

Used By: ECM Lab, Bldg 65

1950



39. Product: Mercuric chloride (solid)

From:

Used By: ECM Lab, Bldg 65

40. Product: Lavey tryptose broth

From:

Used By: ECM Lab, Bldg 65

41. Product: Octadecylamine (solid)

From:

Used By: ECM Lab, Bldg 65

42. Product: orthotolidine (solid)\*

From:

Used By: ECM Lab, Bldg 65

43. Product: Potassium bicodate (solid)

From:

Used By: ECM Lab, Bldg 65

44. Product: Potassium chloride (solid)

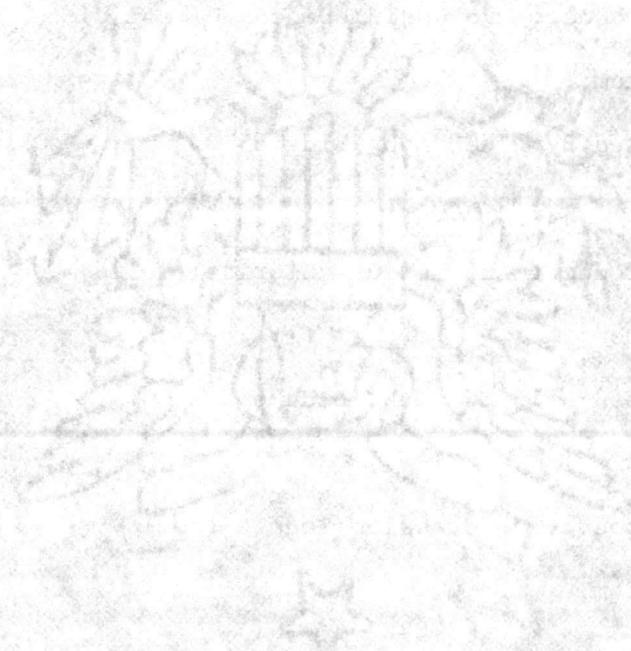
From:

Used By: ECM Lab, Bldg 65

45. Product: Potassium iodate (solid)

From:

9361



Used By: ECM Lab, Bldg 65

46. Product: Potassium nitrate (solid)

From:

Used By: ECM Lab, Bldg 65

47. Product: Potassium permanganate (solid)

From:

Used By: ECM Lab, Bldg 65

48. Product: Potassium phosphate, dibasic (solid) or dipotassium hydrogen phosphate

From:

Used By: ECM Lab, Bldg 65

49. Product: Potassium phosphate, Monobasic (solid) or potassium dihydrogen phosphate

From:

Used By: ECM Lab, Bldg 65

50. Product: Rosolic acid (solid)

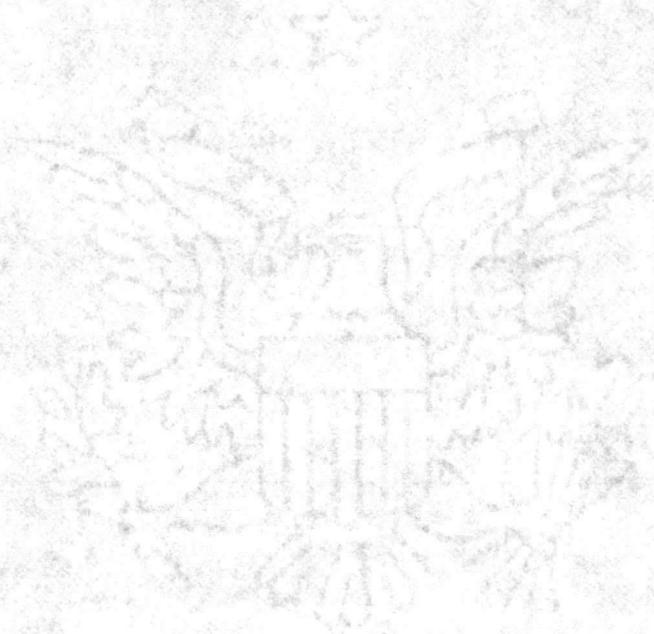
From:

Used By: ECM Lab, Bldg 65

51. Product: Sodium acetate trihydrate (solid)

From:

Used By: ECM Lab, Bldg 65



52. Product: Sodium bicarbonate (solid)

From:

Used By: ECM Lab, Bldg 65

53. Product: Sodium carbonate anhydrous

From:

Used By: ECM Lab, Bldg 65

54. Product: Sodium chloride (solid)

From:

Used By: ECM Lab, Bldg 65

55. Product: Sodium fluoride (solid)

From: Mallanckrodt

Used By: ECM Lab, Bldg 65

56. Product: Sodium iodide (solid)

From:

Used By: ECM Lab, Bldg 65

57. Product: Sodium phosphate, dibasic (solid)

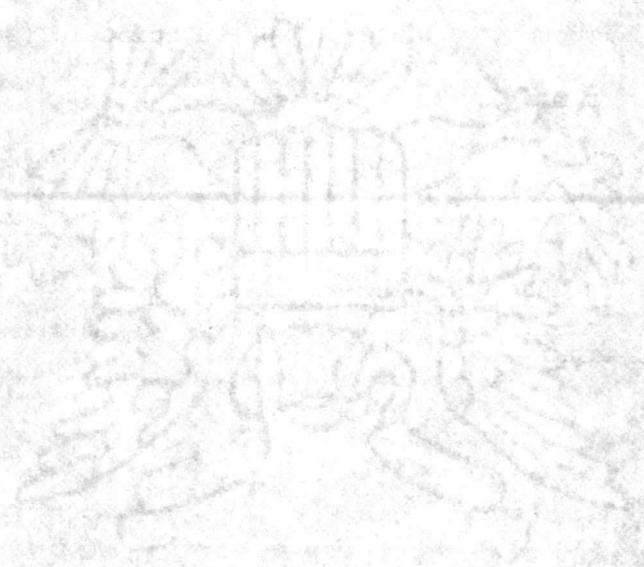
From:

Used By: ECM Lab, Bldg 65

58. Product: Sodium sulfide

From:

SECRET



Used By: ECM Lab, Bldg 65

59. Product: Sodium tetraborate decahydrate (solid)

From:

Used By: ECM Lab, Bldg 65

60. Product: Standard plate count agar

From:

Used By: ECM Lab, Bldg 65

61. Product: Sulfanilic Acid (solid)

From:

Used By: ECM Lab, Bldg 65

62. Product: Sodium 2-(parasulfophenylazo)-1,8-dihydroxy-3,6-naphthalene  
disulfonate (solid)

From:

Used By: ECM Lab, Bldg 65

63. Product: X-wax stripper

From: Amrep, Inc., 990 Industrial Pk. Dr., Marietta, GA 30062

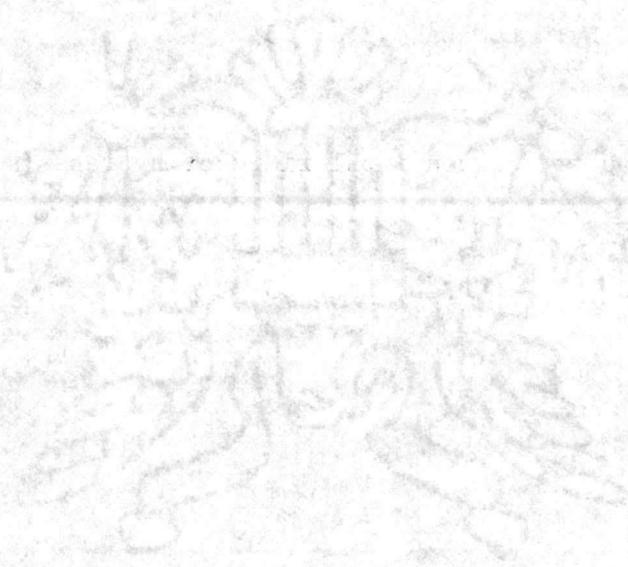
Used By: ECM Lab, Bldg 65

64. Product: Zirconyl chloride octahydrate (solid)

From:

Used By: ECM Lab, Bldg 65

9951



65. Product: Nitric acid (liquid)

From:

Used By: ECM Lab, Bldg 65

66. Product: Toner Kit #62-6150

From: A. B. Dick Co., 6700 W. Touhy Ave., Chicago, Il 60648

(312) 763-1900

Used By: Administrative Section, Bldg 1103

67. Product: Pentane

From: Burkdick and Jackson Labs

Used By: ECM Lab, Bldg 65

68. Product: Hexane UV

From: Burkdick and Jackson Labs

Used By: ECM Lab, Bldg 65

69. Product: Glycerine

From: Fisher

Used By: ECM, Bldg 65

70. Product: Methyl isobutyl ketone

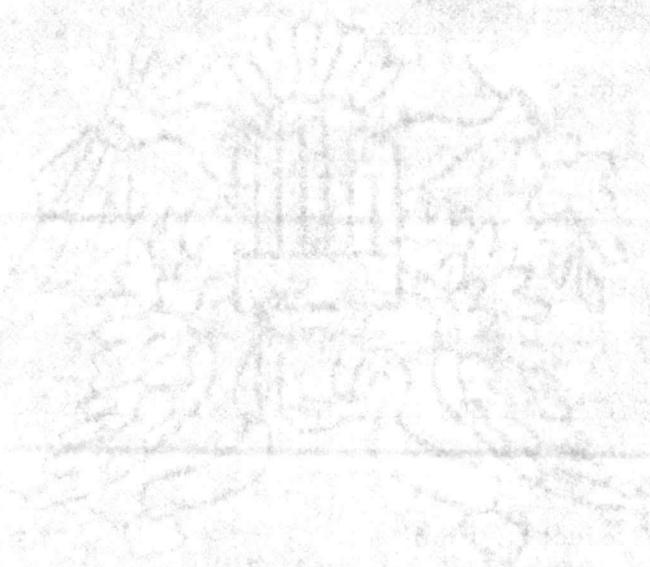
From: Fisher

Used By: ECM Lab, Bldg 65

71. Product: Cedar Wood

From: Phillips and Byrd

9861



Used By: ECM Lab, Bldg 65

72. Product: Cali-Solve

From: Nyco Products Co., Inc., Chicago, IL 60632

Used By: ECM Lab, Bldg 65

73. Product: Hericules Sizzle

From: Hericules Chemical Co., New York, NY 10021

Used By: ECM Lab, Bldg 65

74. Product: Bacterial Creme Cleanser, Easy Dab

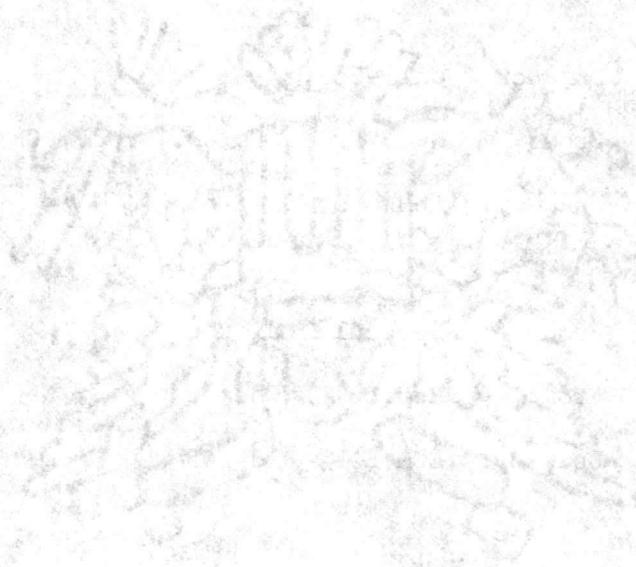
From: National Chemical Lab, Philadelphia, PA 19123

Used By: ECM Lab, Bldg 65

75. Product: Dispersion lab detergent

From: Calgon Corp., Commercial Div., P.O. Box 147, St. Louis, MO 63166

Used By: ECM Lab, Bldg 65





Date

Manufacturer  
Address

Gentlemen,

This activity is responsible for the protection of the health and well being of its employees. To do this effectively, we maintain a file of chemical compositions of materials used. To complete our file, we are interested in obtaining a Material Safety Data Sheet on the following Product(s):

We are required to treat information concerning a proprietary product's composition as confidential. This information will be used only for the purpose of protecting the health and safety of our employees and for the security of U.S. Government property.

Should you find it necessary to withhold the exact formulation of your product we would appreciate receiving a list of ingredients and an approximate percentage composition. For example, if the exact formulation of a material is:

Methylene Chloride-----	50%
Methyl Ethyl Ketone-----	35%
Toluene-----	14.5%
Benzene-----	00.5%

an acceptable completion of Section II could be

Methylene Chloride-----	Over 40%
Methyl Ethyl Ketone-----	20 - 40%
Toluene-----	Less than 25%
Benzene-----	Trace

A reply is desired as soon as possible. Your cooperation is appreciated.

Sincerely,

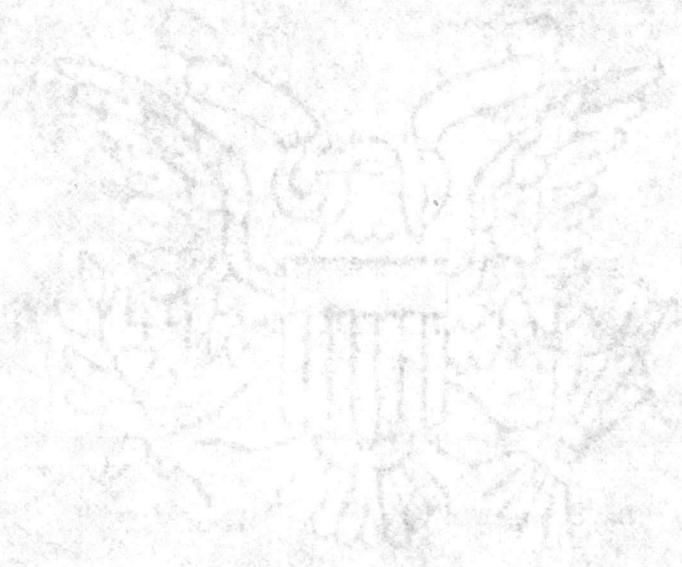


ENCLOSURE (2)



Listing of Human and Suspect Human Carcinogens  
 Used By  
 Natural Resources and Environmental Affairs Department,  
 Marine Corps Base, Camp Lejeune, North Carolina

Substance	Listed By	Carcinogenic Agent	
1. Formalin	ACGIH EPA NTP	(S) Formaldehyde	37-55%
2. Boundary Tree making paint	ACGIH EPA		
-Orange Gun and brush type	NTP	(H) Pigment: Molybdate Orange (Lead Chromate)	7%
		Chrome yellow	11%
-yellow Gun and brush type		(H) Pigment: Chrome yellow (Lead Chromate)	17%
3. Cadmium Metal	CAG EPA	(S) Cadmium Metal	
4. Chloroform	ACGIH CAG	(S) Chloroform	



1935

1

EPA

NTP

5. Hydrazine Sulfate NTP (S) Hydrazine

6. Ortho-tolidine ACGIH (S) Ortho-tolidine

CAG

EPA

ACGIH = American Conference of Governmental Industrial Hygienist

CAG = Carcinogen Assessment Group

EPA = Environmental Protection Agency

NTP = National Toxicology Program

(H) = Human Carcinogens

(S) = Human Suspect Carcinogens

1986

