

OPERATOR'S MANUAL
DECONTAMINATING KIT, SKIN: M258A1
NSN 4230-91-101-3984
AND
TRAINING AID,
SKIN DECONTAMINATING: M58A1
NSN 6910-01-101-1768

17 MAY 1985

WARNING

- Decon solution is poisonous and a skin burn hazard in sensitive areas. Keep decon solution out of eyes, wounds, and mouth. Do not use wipes to decon upper part of your face. Use water to wash toxic agent or decon solution out of eyes or wounds and seek medical treatment.
- Do not use the Training Aid below +32°F.
- The complete decon (wipe 1 and wipe 2) of the face must be done as quickly as possible, 3 minutes or less.

CHANGE
1

TM 3-4230-216-10
C1
HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D.C., 22 January 1997

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TM 3-4230-216-10, 17 MAY 1985, is changed as follows:

1. The purpose of this is to delete all references to the Refill Kit and to update PMCS format charges.
2. Remove old pages and insert new pages as indicated below.

Remove Pages

i through ii
1-1 through 1-4
2-1 through 2-4
2-23 (2-24 blank)
B-1/C-1 (B-2/C-2 blank through D-3 (D-4 blank)
Error Reporting Page

Insert Pages

i through ii
1-1 through 1-4
2-1 through 2-4
2-23 (2-24 blank)
B-1/C-1/D-1 (B-2/C-2/D-2 blank)
Error Reporting Page

3. File this change sheet in front of the publication for reference purposes.

By Order of the Secretary of the Army:

Official:



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General, United States Army
Chief of Staff

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No. 3-4230-216-10

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DEPARTMENT OF THE ARMY
Washington, D.C., May 17, 1985

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REPORTING ERRORS AND RECOMMENDATIONS IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Equipment Publications and Blank Forms) direct to: Director, Armament and Chemical Acquisition and Logistics Activity (ACALA), ATTN: AMSTA-AC-NML, Rock Island, IL 61299-7630. (E-mail: AMSTA-AC-NML@rla-emh2.army.mil). A reply will be furnished to you.

This manual supersedes TM 3-4230-216-10, April 1982

Change 1 i

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CHAPTER 1 INTRODUCTION

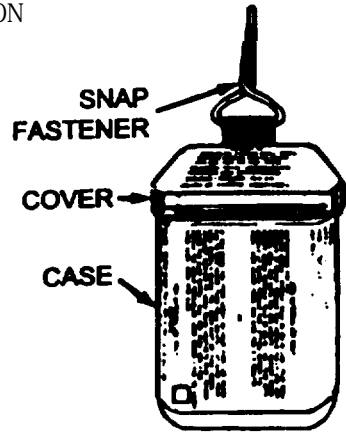
Section I. GENERAL INFORMATION

1-1 Scope

a. Type of Manual. This manual will show you how to use the M258A1 Skin Decon Kit to decon your exposed

b. Model Number and Equipment Name. The official nomenclatures are not marked on the equipment. They are marked as follows:

Name Marked on Equipment	Official Nomenclature
Decontamination Kit, Personal, M258A1	Decontaminating Kit, Skin, M258A1
Training Aid, Personal	Training Aid, Skin
Decontamination Kit, M58A1	Decontaminating Kit, M58A1



1-1. Scope - Continued

c. Purpose of Equipment. The M258A1 Skin Decon Kit allows you to completely decon your skin. The M58A1 Training Aid is used to teach you how to use your M258A1 Skin Decon Kit.

NOTE

You can decon some personal equipment with this kit. Check your local SOP.

1-2. Maintenance Forms and Records. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, The Army Maintenance Management System (TAMMS).

1-3. Reporting Equipment Improvement Recommendations (EIR'S). If your M258A1 Skin Decon Kit or M58A1 Training Aid needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on an SF 368 (Quality Deficiency Report). Mail it to us at
Commander, U.S. Army Research, Development and Engineering Center, ATTN: AMSTA-AR-QAW-A (R)/Customer Feedback Center, Rock Island, IL 61299-7300. We'll send you a reply.

1-2 Change 1

1-4. Nomenclature Cross-Reference List.

<u>Common Name</u>	<u>Official Nomenclature</u>
Decon Kit	Decontaminating Kit, Skin: M258A1
Training Aid	Training Aid, Skin Decontaminating: M58A1

Section II. EQUIPMENT DESCRIPTION

1-5. Equipment Characteristics, Capabilities, and Features.

- a. Decon kit has enough packets to do three complete skin decontaminations.
- b. Decon kit is expendable; when packets are used up, throw kit away and order a new one.
- c. Training aid is used just like decon kit.
- d. (Deleted)

1-5. Equipment Characteristics, Capabilities, and Features (Continued).

- e. Decon kit case and its packets are olive drab.
- f. Training Aid Case is black and its packets blue.
- g. Normal operating temperature is 32°F to 110°F. However, decon kit can be used below 32°F as long as wipes in packets are not frozen.
- h. Decon kit should not be stored at temperatures above 110°F or in direct sunlight

1-6. Equipment Data.

a. Overall Dimensions (Case):

Thickness	1.75 in. (4.44 cm)
Width	2.75 in. (6.98 cm)
Height	4.00 in. (10.16 cm)

b. Packets:

Length	2.75 in. (6.98 cm)
Height	4.00 in. (10.16 cm)

- c. Weight (filled): 3.2 oz (90.72 g)
- d. Operating Temperature: +32°F (0°C) to
+110°F (43°C)

NOTE

- Although the normal operating temperature of the M258A1 is between +32°F and + 110°F, the wipes will detoxify chemical agents at temperatures below +32°F and can be used as long as the wipes and glass ampoules are not frozen.
- Do not store the Decon Kit at temperatures above +110°F or for prolonged periods of time in direct sunlight.

CHAPTER 2

OPERATING INSTRUCTIONS

Section I. PREVENTIVE MAINTENANCE CHECK AND SERVICES (PMCS)

2-1. Before You Operate. Always keep in mind the WARNINGS, CAUTIONS, and NOTES. Perform the PMCS in Table 2-1 before operation.

2-2. PMCS Procedures. The PMCS table lists those required checks and services to ensure the Decon Kit or Training Aid is ready for use. When recording results of PMCS, entries in the PMCS Item No. column will be used for the TM Item No. column on DA Form 2404.

CAUTION

Be careful not to damage the packets or break the ampoules during your inspection.

2-2. PMCS Procedures - Continued.

Table 2-1. Preventive Maintenance Checks and Services Before Operation

Item No.	Item to be Inspected	Procedures	Not Mission Capable if:
1	Case	Open case. If strong odor is detected, do not use kit. Check case for breaks, cracks, and missing or broken snap fastener or cover. Check inside for wetness. Replace Decon Kit or Training Aid if any of the above exists.	Case broken or cracked, parts missing, inside wet, or strong odor is detected.
2	DECON 1 WIPE and DECON 2 WIPE packets	Check packets for tears. Check that three of each packet are in case when issued. Replace Decon Kit if any packets are torn or if there are not three packets of each type in the kit.	Packet torn. Three of each packet not in case.

2-2 Change 1

Table 2-1. Preventive Maintenance Checks and Services Before Operation-Continued.

Item No.	Item to be Inspected	Procedures	Not Mission Capable If:
3	DECON 2 WIPE packet	Check DECON 2 WIPE packets for broken glass ampoules by careful feeling the packet. Each packet should contain three glass ampoules. If the packet is swollen so that the ampoules cannot be left, it must be replaced.	Ampoules broken packet swollen

Change 1 2-3

Section II. OPERATION UNDER USUAL CONDITIONS

WARNING

Decon solution is a burn hazard in sensitive areas. Keep decon solution out of eyes, wounds, and mouth. Do not use wipes to decon upper part of your face. Use water to wash toxic agent or decon solution out of eyes or wounds and seek medical treatment.

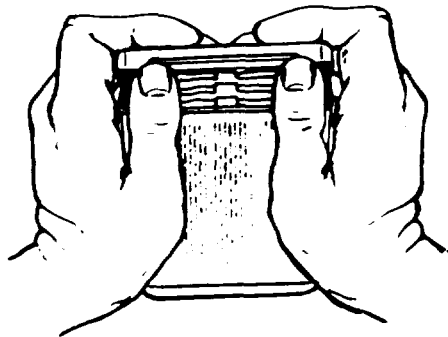
Do not use Training Aid below +32°F.

The complete decon (wipe 1 and 2) of the face must be done as quickly as possible, 3 minutes

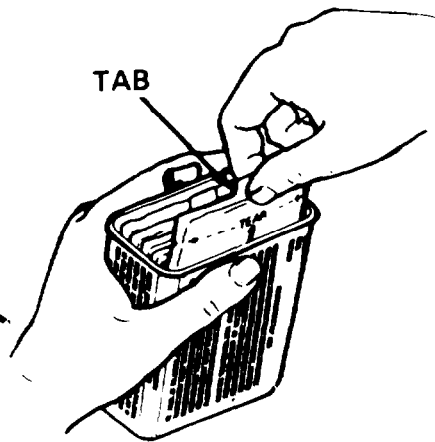
2-3. Operating Procedures. When you find or detect agent on your skin or a buddy sees it and tells you, act immediately. Decon only if you have agent on your skin.

a. Don your mask and hood. Do not zip the hood. Do not pull the draw strings. Do not fasten the shoulder straps.

b. Seek overhead cover or use your poncho for protection against further contamination.

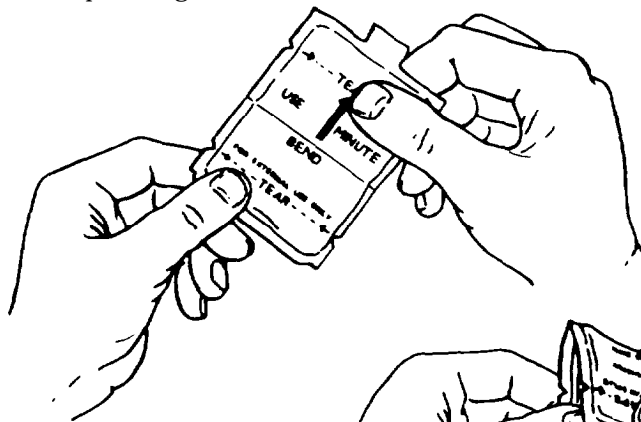


c. Open Decon Kit.

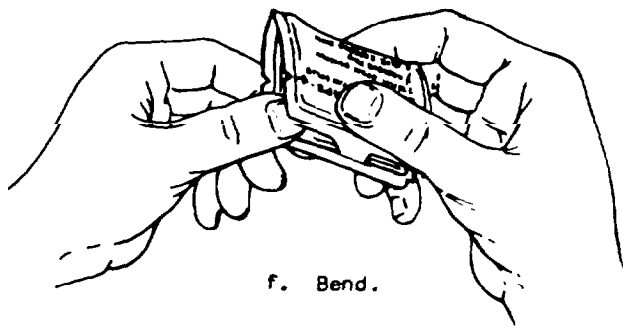


d. Pull out One DECON 1
WIPE packet by its tab.

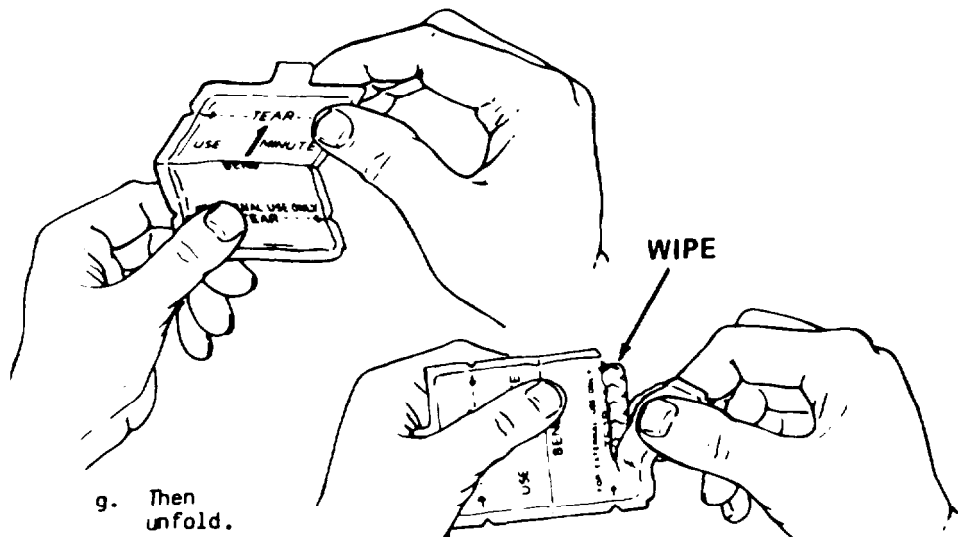
2-3. Operating Procedure - Continued.



- e. Fold packet on solid line marked BEND.



- f. Bend.



g. Then
unfold.

h. Tear open quickly
at notch, remove
wipe and fully
unfold.

2-3. Operating Procedure - Continued.



i. Wipe skin.

(1) Start with hands.

NOTE

- If you do not have agent on your face, do steps 8 and 9. Continue with other areas of exposed skin.
- If you have agent on your face do steps (2) through (9).
- The stars in the drawing show areas that are hard to decon. When you use the DECON 1 WIPE, scrub these areas with an extra stroke.



2-3. Operating Procedure - Continued.

NOTE

You must hold your breath while doing steps 2 thru 7. If you need to breathe before you finish, reseal your mask, clear it, and check it, then continue.

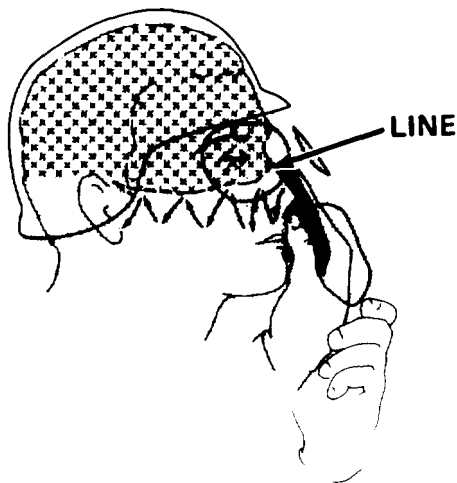
- (2) Hold breath, close eyes, lift hood and mask from chin.

WARNING

- Do not scrub above line in drawing.

NOTE

- Gray area shows outline of hood.
- Eyelens and voicemitter outlet valve assembly show mask position.



(3) Scrub up and down from ear to ear.

- (a) Start at ear.
- (b) Scrub across face to corner of nose.
- (c) Scrub extra stroke at corner of nose.
- (d) Scrub across nose and tip of nose to corner of nose.
- (e) Scrub extra stroke at corner of nose.
- (f) Scrub across face to other ear.

2-3. Operating Procedure - Continued.

(4) Scrub up and down from ear to end of jawbone.

- (a) Begin where step (3) ended.
- (b) Scrub across cheek to corner of mouth.
- (c) Scrub extra stroke at corner of mouth.
- (d) Scrub across closed mouth to center of upper lip.
- (e) Scrub extra stroke above upper lip.
- (f) Scrub across closed mouth to corner of mouth.
- (g) Scrub extra stroke at corner of mouth.
- (h) Scrub across cheek to end of jawbone.



- (5) Scrub up and down from end of jawbone to end of other jawbone.
- (a) Begin in where step (4) ended.
 - (b) Scrub across and under jaw to chin, cupping chin.
 - (c) Scrub extra stroke at cleft of chin.
 - (d) Scrub across and under jaw to end of jawbone.



2-3. Operating Procedure - Continued.

(6) Turn your hand out, and quickly wipe the inside of mask that touches your face.

NOTE

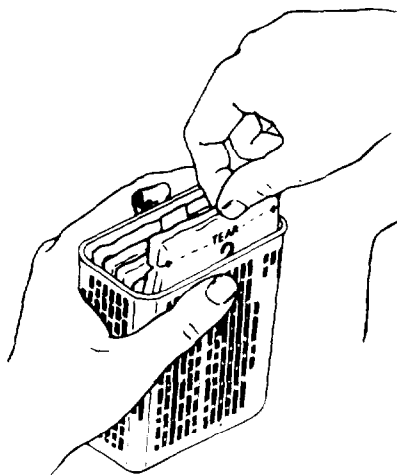
Do not wipe the mask lens. The decon solution may leave a film on the lens.

(7) Immediately seal mask, clear it, and check it.

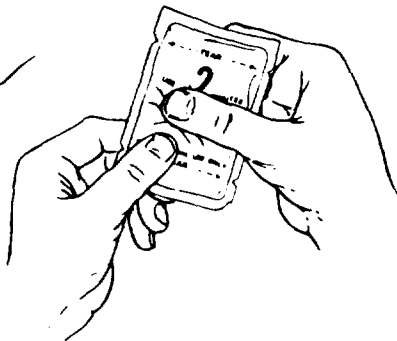
(8) Using the same DECON 1 WIPE, scrub neck and ears and redo hands.

(9) Drop wipe to the ground.





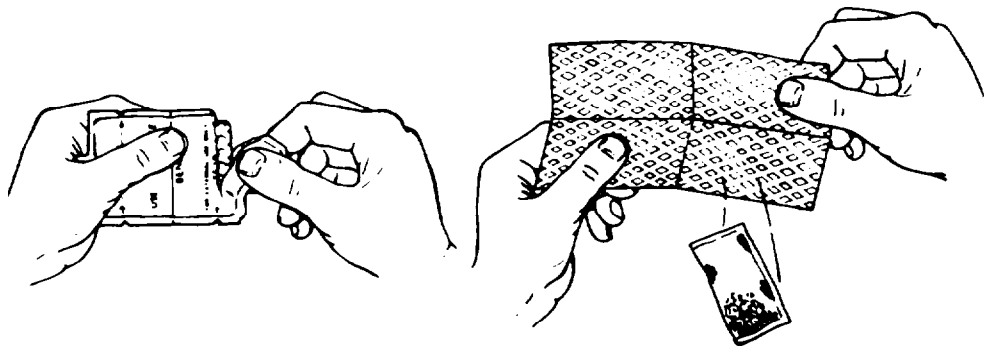
j. Pull out one DECON 2
WIPE packet.



k. Crush enclosed
glass ampoules
between thumb
and fingers.
DO NOT KNEAD.

2-3. Operating Procedure - Continued.

1. Fold packet on solid line marked - CRUSH AND BEND, then unfold.



m. Tear open quickly at notch and remove wipe.

n. Fully open wipe.
Let the encased
crushed glass
ampoules fall to
the ground.

o. Wipe skin.

(1) Start with hands.

NOTE

- If you do not have agent on your face, do steps 8, 9 and 10. Continue with other areas of exposed skin.
- If you have agent on your face do steps (2) through (10).
- The stars in the drawing show areas that are hard to decon. When you use the DECON 2 WIPE, scrub these areas with an extra stroke.



2-3. Operating Procedure - Continued.

NOTE

You must hold your breath while doing steps 2 thru 7. If you need to breathe before you finish, reseal your mask, clear it, and check it, then continue.

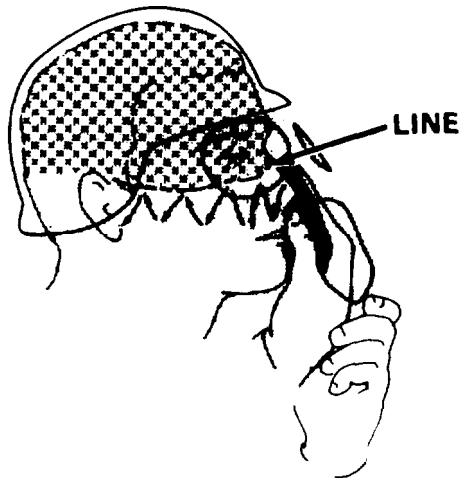
- (2) Hold breath, close eyes, lift hood and mask from chin.

WARNING

- Do not scrub above line in drawing.

NOTE

- Gray area shows outline of hood.
 - Eyelens and voicemitter outlet valve assembly show mask position.
- (3) Scrub up and down from ear to ear.
- (a) Start at ear.
 - (b) Scrub across face to corner of nose.
 - (c) Scrub extra stroke at corner of nose.
 - (d) Scrub across nose and tip of nose to corner of nose.
 - (e) Scrub extra stroke at corner of nose.
 - (f) Scrub across face to other ear.



2-3. Operating Procedure - Continued.

- (4) Scrub up and down from ear to end of jawbone.
 - (a) Begin where step (3)
 - (b) Scrub across cheek to corner of mouth.
 - (c) Scrub extra stroke at corner of mouth.
 - (d) Scrub across closed mouth to center of upper lip.
 - (e) Scrub extra stroke above upper lip.
 - (f) Scrub across closed mouth to corner of mouth.
 - (g) Scrub extra stroke at corner of mouth.
 - (h) Scrub across cheek to end of jawbone.



- (5) Scrub up and down from end of jawbone to end of other jawbone.
- (a) Begin where step (4) ended.
 - (b) Scrub across and under jaw to chin, cupping chin.
 - (c) Scrub extra stroke at cleft of chin.
 - (d) Scrub across and under jaw to end of jawbone.



2-3. Operating Procedure - Continued.

(6) Turn your hand out, and quickly wipe the inside of mask that touches your face.



NOTE

Do not wipe the mask lens. The decon solution may leave a film on the lens.

(7) Seal mask immediately, clear it, and check it.

- (8) Using the same DECON 2 WIPE, scrub neck and ears and redo hands.
- (9) Drop wipe to the ground.
- p. Put on your protective gloves.
- q. Fasten hood.
- r. Cover other skin areas that you have decontaminated.

NOTE

- When all wipes are used up, throw the M258A1 kit case away. Order a new kit.
- (Deleted)
- The Training Aid wipes are not toxic. Dispose of in accordance with local SOP.

APPENDIX A

REFERENCES

A-1. Scope.

This appendix lists all forms and technical manuals referenced in this manual.

A-2. Forms.

Equipment Inspection and Maintenance Worksheet	DA Form 2404
Quality Deficiency Report	SF Form 368
Recommended Changes to Equipment Publications and Blank Forms	DA Form 2028

A-3. Miscellaneous Publications.

The Army Maintenance Management System (TAMMS)	DA Pam 738-750
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APPENDIX B

COMPONENT OF END ITEM AND BASIC ISSUE ITEMS LIST

Not applicable to the Decon Kit

APPENDIX C

ADDITIONAL AUTHORIZATION LIST

Not applicable to the Decon Kit.

APPENDIX D

EXPENDABLE/DURABLE SUPPLIES AND MATERIALS LIST

Not applicable to the Decon Kit.

DID WE GOOF?
DO YOU KNOW A BETTER WAY?
DON'T KEEP THOSE GRIPEs TO YOURSELF.
WE'D LIKE TO HAVE YOUR IDEAS.

USE DA FORM
2028 OR WHATEVER
YOU HAVE HANDY

WRITE TO US:

DIRECTOR, ARMAMENT AND CHEMICAL ACQUISITION AND LOGISTICS ACTIVITY (ACALA),
ATTN: AMSTA-AC-NML, ROCK ISLAND, IL 61299-7630.

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