Chapter 3

MANAGING HAZARDOUS MATERIALS

1. HAZARDOUS MATERIAL MANAGEMENT PROGRAM

ORARNG HM management is intended to control procurement, use, and storage of HM in order to prevent pollution from being generated, minimize the hazards of chemical use to the health of employees, and reduce the amount and cost of waste disposal. Compliance with applicable environmental regulations dealing with HM is required. HM is regulated by environmental law, occupation and health law, transportation law and the Uniform Fire Code.

2. PROCURING HAZARDOUS MATERIALS

WARNING!

ORARNG policy does not allow you to use or store non-ORARNG procured hazardous materials

a. To ensure all applicable laws are followed, the OMS, OMSS, UTES, COUTES, AASF#1, AASF#2, CSMS and State Maintenance are the only authorized facilities to purchase Class II and Class III POL products, to include supported units fifteen day supply of POL. Supply Sergeants will coordinate with the appropriate supporting OMS to receive their material. Materials will be stored at their supporting OMS, except for small quantities that are being used at the facility in support of day-to-day operations. Any exceptions to this will be coordinated through the supporting shop and AGI-Environmental.

b. Prior to purchasing a HM check with other activities to see if they have excess HM on hand that can be obtained before ordering new product. An electronic option is available in Microsoft Outlook Global Address List, select the name HAZWASTEOR.

3. USING MATERIAL SAFETY DATA SHEETS (MSDS)/HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

a. To manage your MSDS/HMIS

STEP 1. Obtain an MSDS/HMIS for each HM on hand from the manufacturer or from the HMIS. The MSDS/HMIS must be specific to the product's NSN and CAGE number (manufacturer's code). HMIS must match proper manufacturer. Other sources to obtain an MSDS are:

- GSA MSDS Request Line (206) 436-2193
- www.msdssearch.com
- www.clsco.com/customerservice/msds.htm
- www.msdsonline.com/
- www.siri.org
- www.dlis.dla.mil/hmis/

- the supply system
- the State Hazardous Waste Manager
- Installing HMIS from Network Neighborhood Or41200agilib

STEP 2. Assign a unique product identification number to each HM IAW Chapter 2, and write this number on:

The MSDS/HMIS for that HM
example: product identification number is 1208
12 = locker number
08 = product number

STEP 3. In each HM storage area, there will be a sign indicating where the MSDS/HMIS folders/binders are kept.

STEP 4. Create a central MSDS binder:

STEP 4-1. Place a copy of all MSDS/HMIS for all HMs in use and stored by the activity in a binder by the unique product identification number or other similar method.

STEP 4-2. Complete an inventory of your HMs and place it in the front of the binder.



STEP 4-3. Place the binder in a central location available to all employees during all shifts.

STEP 5 Remove MSDSs from the binder for HMs no longer being used.

4. DETERMINING HAZARDOUS MATERIAL COMPABTIBILITY

a. To help you determine what HM can be stored together, the DOD created the Hazardous Chemical Compatibility System (HCC). For more information, see joint publication DLAI4145.11/TM38-410/NAVSUP PUB 573/AFJMAN 23-209/ MCO 4450.12A, *Storage and Handling of Hazardous Materials*. b. The HCC is designed to work with MSDSs generated from the HMIS; however, it will also work for most non-HMIS generated MSDSs.

5. MSDSs GENERATED FROM HMIS

STEP 1. Find the Hazard Characteristic Code (HCC) in the Section titled: Physical/Chemical Properties in the MSDS.



STEP 2. Use the Storage Segregation Matrix to determine incompatibility. The storage segregation matrix consists of four essential elements:

- The HCC
- The HCC group name.
- The primary segregation required by Hazard Storage Area Code (HSAC).
- The secondary segregation required (if any) within the primary storage area.

Primary segregation types listed in the matrix are listed below. It includes the ten Hazard Storage Area Codes (HSAC):

- A Radioactive
- C Corrosive
- D Oxidizer
- E Explosive
- F Flammable

- G Gas, Compressed
- L Low Hazard (General Purpose)
- P Peroxide, Organic
- R Reactive
- T Poison

6. STORAGE SEGREGATION MATRIX

There are sixty-three HCCs associated with the HSACs. Once a HM has been assigned a permanent or temporary HCC, use the matrix on the following page to determine storage requirements:

STEP 1. Locate the HCC in Column (1). The HCC is given in the MSDS section "Physical/Chemical Properties" section

STEP 2. Determine the primary storage site in Column (3). Indicated by an asterick* and defined above. This will determine the proper storage location.

STEP 3. Determine if secondary segregation is required Column (4).

For example, HCC F6 is a corrosive acid that is flammable (column 2). It will be assigned an HSAC of F (column 3) and placed in a Flammable Storage Area. F7 is a corrosive alkali that is flammable. It will also be assigned a code of F and placed in a Flammable Storage Area. However, these two HCCs are incompatible (see Note L) with each other and must be separated horizontally by at least one four-foot wide aisle.

Vertical separation may also be required; to ensure that incompatible products do not leak and contact one another.

STEP 4. Check the matrix notes to see if the HM has any unique and unusual storage problems. These products may require secondary segregation within the primary storage area or may present such unusual problems that they must be completely segregated from all other products.

STORAGE SEGREGATION MATRIX

HCC (1)	Hazard Characteristics Group	PRIMARY SEGREGATION BY HAZARD STORAGE AREA CODE (HSAC)									SECONDARY SEGREGATION	
	Name	Α	С	D	Е	F	5) G	L	Р	R	Т	(4)
	(2)											
A1	Radioactive, Licensed	*										Note A
A2	Radioactive, License Exempt	*										Note A
A3	Radioactive, License Exempt, Authorized	*										Note A
B1	Alkali, Corrosive Inorganic		*									Note B
B2	Alkali, Corrosive Organic		*									Note C
B3	Alkali, Low Risk							*				Note F
C1	Acid, Corrosive Inorganic		*									Note D
C2	Acid, Corrosive Organic		*									Note E
C3	Acid, Low Risk							*				Note F
C4	Acid, Corrosive and Oxidizer,		*									Note D
05			**									N (F
C5	Acid, Corrosive and Oxidizer, Organic		*									Note E
D1	Oxidizer			*								None
D2	Oxidizer and Poison			*								Note G
D3	Oxidizer and Corrosive Acidic			*								Note G
D4	Oxidizer and Corrosive Alkali			*								Note G
E1	Explosive, Military				*							Note H
E2	Explosive, Low Risk							*				Note A
F1	Flammable Liquid DOT PG I, OSHA 1A					*						Note J
F2	Flammable Liquid DOT PG II, OSHA 1B					*						Note J
F3	Flammable Liquid DOT PG					*						Note J
F4	Flammable Liquid DOT PG					*						Note J
F5	Flammable Liquid and Poison					*						Note I
F6	Flammable Liquid &					*						Note L
F7	Flammable Liquid & Corrosive, Alkali					*						Note L
F8	Flammable Solid	1				*						Note K
G1	Gas, Poison (Nonflammable)						*					Note M
G2	Gas, Flammable			1	-		*			1		Note N
G3	Gas, Nonflammable		1				*			1		Note P
G4	Gas, Nonflammable, Oxidizer		1				*			1		Note R
G5	Gas, Nonflammable Corrosive		1				*			1		Note S
G6	Gas, Poison, Corrosive						*					Note T
G7	Gas, poison, Oxidizer						*					Note U
G8	Gas Poison Flammable						*					Note V
G9	Gas Poison Corrosive						*					Note W
	Oxidizer (Nonflammable)											

HCC	Hazard	PRIMARY SEGREGATION							SECONDARY			
(1)	Characteristics	BY HAZARD STORAGE AREA CODE (HSAC)								SEGREGATION		
, ,	Group		(3)								(4)	
	Name	А	С	D	Е	F	G	L	Р	R	Т	
	(2)		C	-	-	-	Ũ	-	-		-	
K1	Infectious Substance										*	Note X
K2	Cytotoxic Drugs										*	Note Y
M1	Magnetized Material							*				None
N1	Not Regulated as Hazardous							*				None
P1	Peroxide, Organic DOT								*			None
	Regulated											
P2	Peroxide, Organic (Low Risk)								*			None
R1	Reactive Chemical,									*		Note Z
	Flammable											
R2	Water Reactive Chemical									*		Note AA
T1	DOT Poison - Inhalation										*	None
	Hazard											
T2	UN Poison, Packing Group 1										*	None
T3	UN Poison, Packing Group II										*	None
T4	UN Poison, Packing Group III							*				Note BB
T5	Pesticide, Low Risk							*				None
T6	Health Hazard							*				None
T7	Carcinogen (OSHA, NTP,										*	Note CC
	IARC)											
V1	Miscellaneous Hazardous							*				None
	Materials - Class 9											
V2	Aerosol, Nonflammable					*						Note EE
V3	Aerosol, Flammable					*						Note EE
V4	DOT Combustible Liquid,					*						None
	OSHA IIIA											
V5	Hi-Flash Point Liquids, OSHA							*				None
	IIIB											
V6	Petroleum Products							*				None
V7	Environmental Hazard							*				None
Z1	Article Containing Asbestos							*				None
 Z2	Article Containing Mercury							*				None
Z3	Article Containing (PCB)							*				None
Z4	Article, Battery, Lead Acid.											None
	Nonspillable							*	1			
Z5	Article, Battery, Nickel							*				None
	Cadmium, Nonspillable								1			
Z6	Article, Battery, Lithium									*		Note DD
Z7	Article, Battery, Dry Cell							*				None

DEFINITION OF NOTES

Note A - *Security Storage* - must be well ventilated with limited access.

Note B - *Inorganic Alkali Storage* - store away from acids by at least one four foot aisle width and away from organic alkalis by at least one four foot aisle width.

Note C - *Organic Alkali Storage* - store away from acids by at least one four foot aisle width and away from inorganic alkalis by at least one four foot aisle width.

Note D - *Inorganic Acid Storage* - store away from alkalis (caustic) by at least one four-foot aisle width. Separate from other acids with subsidiary risk labels by at least one four-foot aisle width.

Note E - *Organic Acid Storage* - store away from alkalis (caustic) by at least one four-foot aisle width. Separate from other acids with subsidiary risk labels by at least one four-foot aisle width.

Note F - Further separate into Acid and Alkali Storage within the low hazard storage area to keep potentially incompatible products from mixing.

Note G - Separate from other oxidizers and oxidizers with secondary hazards by at least one four foot aisle width. **Note H** - *Magazine Storage*.

Note J - Segregate into flammable liquid storage separate from flammable solids by at least one four-foot aisle width.

Note K - Segregate into flammable solid storage separate from flammable liquids by at least one four-foot aisle width.

Note L - Separate from other flammables and flammables with secondary hazards by at least one four foot aisle width.

Note M - Further segregate into Poison Gas storage within the compressed gas area.

Note N - Further segregate into Flammable Gas storage within compressed gas area.

Note P - Further segregate into Nonflammable Gas storage within compressed gas area.

Note R - Further segregate into Oxidizer Gas within the Nonflammable Gas storage that is within the compressed gas area.

Note S - Further segregate into Corrosive Gas within the Nonflammable Gas storage that is within the compressed gas area.

Note T - Further segregate into Corrosive Gas within the Poison Gas storage that is within the compressed gas area.

Note U - Further segregate into Oxidizer Gas within the Poison Gas storage that is within the compressed gas area.

Note V - Further segregate into Flammable Gas within the Poison Gas storage that is within the compressed gas area.

Note W - Further segregate into Corrosive and Oxidizer Gas within the Poison Gas storage that is within the compressed gas area.

Note X - Further segregate into Biomedical storage within the Poison Storage area.

Note Y - Further segregate into Medical Security storage within the Poison Storage area.

Note Z - Further segregate into a Spontaneously Combustible storage within the Reactive Storage area.

Note AA - Should not store in areas protected with water sprinkler system. Fire protection should be non-water based.

Note BB - Store away from food.

Note CC - Further segregation within Poison Storage area may be necessary if secondary hazards exist (i.e. flammable, corrosive, etc)

Note DD - Separate from other products within the Reactive Storage area.

Note EE - Store aerosols from flammables by placing in separate room or barrier such as floor to ceiling wire mesh, chain link fence, etc. to protect personnel from aerosols that can become self-propelled projectiles.

7. OTHER MSDSs

For non-HMIS MSDSs, the HCCs will probably not be available. For these items, look on the container for either a Department of Transportation (DOT) Label or a Precautionary Label.

If you find a DOT Label:

STEP 1. Go to the table - DOT Transportation Labels.

STEP 2. Find your label.

STEP 3. Follow the recommended storage requirements.



DOT Label	Interim HCC	Recommended Storage Area			
		Primary	Secondary		
Explosive 1.1	E1	Explosive	Magazine		
Explosive 1.2	E1	Explosive	Magazine		
Explosive 1.3	E1	Explosive	Magazine		
Explosive 1.4	E2	Explosive	Security		
Explosive 1.5	E2	Explosive	Security		
Explosive 1.6	E2	Explosive	Security		
Poison Gas	G1	Compressed Gas	Poison Gas Cylinder		
Flammable Gas (cylinder)	G2	Compressed Gas	Flammable Gas Cylinder		
Non-Flammable Gas	G3	Compressed Gas	Nonflammable Gas Cylinder		
Flammable Liquid	F1-F4	Flammable	Flammable Liquid		
Flammable Solid	F8	Flammable	Flammable Solid		
Spontaneously Combustible	R1	Reactive	Spontaneously Combustible		
Dangerous When Wet	R2	Reactive	Dangerous When Wet, No water sprinklers		
Oxidizer	D1	Oxidizer	None required		
Organic Peroxide	P1	Peroxide Organic	None required		
Poison	T2	Poison	None required		
Harmful keep away from food	T4	Low Hazard	Away from food		
Infectious Substance	K1	Poison	Biomedical		
Radioactive I	A1	Radioactive	Security		
Radioactive II	A1	Radioactive	Security		
Radioactive III	A1	Radioactive	Security		
Corrosive	C1,C2,C4,C5(acid)*	Corrosive	Acid pH<6		
Corrosive	B1,B2 (alkali)*	Corrosive	Alkali pH>8		
Class 9	V1	Low Hazard	None required		
Magnetized Material	M1	General Purpose	None required		

DOT TRANSPORTATION LABELS

*Corrosive material is either an acid or alkali, use HMIS to get a technical determination from the MSDS.

If you find a Precautionary Label on the back of your container:

STEP 1. Go to the table - Precautionary Labels - on the following page.

STEP 2. Match the label with the Signal Word and Statement of Hazard in the first two columns.

STEP 3. Follow the recommended storage requirements.

SAMPLE PRECAUTIONARY LABELS



Signal Word	Examples of Statement of Hazard	Suggested Temporary	Recommended Primary Storage	Recommended Secondary Storage Area
		HCC	Area	Storage mea
DANGER!	May be fatal if swallowed	T2	Poison	None required
WARNING!	Harmful if swallowed	T3	Poison	None required
WARNING!	Harmful if swallowed	T4	Low hazard	Away from food
DANGER!	May be fatal if absorbed through skin	T2	Poison	None required
WARNING!	Harmful if absorbed through skin	T6	Low Hazard*	None required
DANGER!	Causes (severe)** burns	C1,C2, C4,C5	Corrosive	Acid
DANGER!	Causes (severe)** burns	B1, B2	Corrosive	Alkali
DANGER	Extremely Flammable	F1	Flammable	Flammable liquid
WARNING!	Flammable	F2,F3	Flammable	Flammable liquid
WARNING!	Flammable	F8	Flammable	Flammable solid
CAUTION!	Combustible	F4	Flammable	Flammable liquid
CAUTION!	Combustible	V4	Flammable	None required
DANGER!	Extremely flammable, catches fire if exposed to air	R1	Reactive	Spontaneously Combustible
DANGER!	Strong oxidizer. Contact with other materials may cause fire	D1	Oxidizer	None required
DANGER!	May be fatal if inhaled	T1	Poison	None required
WARNING!	Harmful if inhaled	T2	Poison	None required
WARNING!	May cause allergic respiratory reaction	T6	Low Hazard	None required
CAUTION!	(VAPOR GAS)** reduces oxygen	T6	Low Hazard*	None required
	available for breathing			_
WARNING!	Causes eye irritation	T6,C3,C4	Low Hazard*	None required
WARNING!	Causes eye irritation	T6,C3,C4	Low Hazard*	None required
WARNING!	Causes irritation	T6,C3,C4	Low Hazard*	None required
WARNING!	May cause allergic skin reaction	T6,C3,C4	Low Hazard*	None required

PRECAUTIONARY LABELS

Please note that "None required" means no additional storage requirements.

* Material bearing precautionary label text will not be assigned a Low Hazard (General Purpose) location without

notification of and approval by the installation Physical Science or Safety and Health Office.

**Enter proper term as appropriate.

If you cannot find any labels or your product is not listed in the tables, you can

- Check TM 38-410 for additional compatibility tables
- Call the EPS at (503) 584-3862

8. STOCKING HAZARDOUS MATERIALS

Reference: Joint Service Manual DLAI 4145.11/TM 38-410/NAVSUP PUB 573/AFJMAN 23-209/ MCO 4450.12A, *Storage and Handling of Hazardous Materials*/Uniform Fire Code with Oregon Amendments.

WARNING!

DO NOT store tools or personal items in any HM storage location. DO NOT store combustible materials, such as cardboard, paper, or rags with flammable HMs.

DO NOT store flammable or reactive HM within 50 feet of the property boundary.

DO NOT store HM in trailers and vehicles, without secondary containment. DO NOT store HM in personal wall lockers, near floor drains, or in areas with high foot or vehicle traffic DO NOT use wood to construct additional or replacement shelving..

Whether checking in new products or maintaining current stock, the EPOC/Supply Sergeant and State Maintenance Workers must properly store HM to minimize hazards to personnel and property.

The primary steps in stocking HM are listed below:

STEP 1. Obtain all MSDSs and check that *every* container, bottle, can, box, etc. on-hand at your activity is properly labeled with the

- product name
- any warnings of physical or health hazard listed on the MSDS. HMIS provides a label with all the appropriate information

Label any HMs that do not have a readable label. It is preferred that you maintain the original manufacturer's label. However, if the original label is missing or damaged, use the type of label shown below:

Chemical Name: _	CLEANING COMPOUND RIFLE BORE
NSN #:	<u>6850-00-224-6656</u>
OSHA WARNING;	CAUSES SKIN IRRITATION

If the material is transferred to a different container, label the new container.

STEP 2. Use the procedures in the Determining Hazardous Material Compatibility section of this chapter to determine storage requirements.

STEP 3. Select the appropriate type of storage location for your HMs,

- For *small quantities* of commonly used HM, use storage cabinets.
- For *large quantities* of HM, use HAZMAT building with built-in secondary containment, storage rooms, warehouses, or storage racks.

STEP 4. Place the HM in the designated location and update the inventory sheet.

STEP 5. Place MSDSs for each HM in the central MSDS binder:

STEP 6. Place the inventory form:

For cabinets, place the inventory form in a plastic sleeve on the outside of the cabinet. Place a sign showing the location of the MSDSs on the outside of the cabinet.

For storage rooms, warehouses, and racks, place the inventory form in a plastic sleeve located near the storage area.

STEP 7. Rotate containers so that those HMs nearing expiration are placed in front. Remember, FIRST IN, FIRST OUT (FIFO).

9. USING THE DOD SHELF-LIFE PROGRAM

Shelf-life is the total period of time an item may remain in the storage system and still remain suitable for issue. It begins with the date of manufacture, cure assemble, pack, or inspect/test/restorative action. A few key points to remember about the shelf-life program are listed below:

- HMs purchased locally **that** do not have an expiration date are not shelf-life items and can be used indefinitely or until the item becomes unserviceable.
- If an item has no shelf-life markings, you can use FEDLOG Army Master Data File at http://www.shelflife.hq.dla.mil to determine if an item is a shelf-life or nonshelf-life item:

STEP 1. Enter the National Stock Number (NSN)

STEP 2. Highlight the information in the SLC column and click the right mouse button.

FEDLOG HELP PIC	CTURE				
9150-00-889-3522					
	fedlog hel	р			П
	CODE	SHELF-LIFE	PERIOD	TYPE	
	6	24 Months		Π	

If an item is not a shelf-life item, you can use it indefinitely or until it wears out.

12. SHELF-LIFE MATERIALS

a. Type I Materials

(1) Type I materials are required to be marked with the expiration date as well as the date manufactured, date cured, date assembled, or date packed (apply one as appropriate). Containers of Type I material have an alphabetical shelf-life code. These materials are NOT extendible. DOD policy requires that Type I HMs be used or disposed of within 30 days of the expiration date. One exception is Type I medical items, which may be extended if they have been accepted as candidates for DOD/DDA Shelf-Life Extension Program.

(2) See chapters 5 and 6 for management and disposal instructions.

b. Type II Materials

(1) Type II materials are required to be marked with the inspection/test date as well as the date manufactured, date cured, date assembled, or date packed (apply one as appropriate). Containers of Type II materials have a numeric shelf-life code. These materials can be extended through laboratory testing, Quality Status List (QSL) or visual inspection.

13. HOW TO EXTEND SHELF LIFE MATERIAL

STEP 1. Visually inspect the containers for rust, severe dents, punctures, or other signs of mismanagement. From the container label, find the Product Name, NSN, Date Manufactured, and Batch #.

- If containers are in good condition, they are eligible for extension. Continue to STEP 2.
- If they are not in good condition, process them for disposal IAW chapter 6.

STEP 2. For DLA items, check the QSL. For non-DLA items, skip to STEP 5.

The QSL provides laboratory testing data for DLA HMs only. It is located at www.shelflife.hq.dla.mil. You must have a user name and password to access this program. Click on the Extension Program option than click on QSL.

STEP 3. Enter the item's NSN (13 digits) and click QUERY.

STEP 4. Match the Contract Number and/or the Lot/Batch number located on the container with one of the entries on the screen.

- If the item is listed, skip to STEP 7.
- If the item is not listed, continue to STEP 5.

STEP 5. Items not listed on the QSL may be found on the Material Quality Control Storage Standard (MQCSS). The MQCSS provides the following information:

- SLF LIFE MONTH shelf-life time limits
- SLF LIFE TYPE Type I or Type II
- FIRST INSP MONTH the first inspection month from the time of delivery
- RE INSP MONTH the next inspection month
- RE INSP LIMIT how many times an item can be extended

The MQCSS is located at www.shelflife.hq.dla.mil. Click on search.

STEP 6. Select ALL in the Table column, enter the item's NSN in the appropriate column, and click FIND.

DoD Shelf-Life Program Ho	me Page - Microsoft Internet Explorer) 🔍 🎉 💶 🖂
Back Forward Stop	Image: Search Favorites Image: Search Favorites Image: Search Favorites Image: Search Favorites	
Address 🙋 http://www.shelflife.l	.hq.dla.mil/Default.htm	▼ 200 Go
	Material Quality Control Storage Standard	*
	Search Form * = required fields If you search ALL you may have to wait a few minutes for the re	esults.
About Subserveritters	Table:* ALL Sort by:* NSN 🔽	
Sholf Life POCe	Field 1:*	
Training	NSN 💌 = 💌 AND	-
Policy Documents	Field 2:	
Extension Program	NONE = AND	-
.mil and .gov only	Field 3:	
Shelf-Life Minutes		
Other Links		
Search		
Feedback		
Hama		
		_
Ø		Internet
Start 2 Parl Inbox - Microsoft (Out 🕎 Microsoft Word - CH 🕼 DoD Shelf-Life P	∕ ≪ ♀ (;) ⊠ 1:05 PM

STEP 7. If the item can be extended, use the data to either complete a Shelf Life Extension Form (DD Form 2477-2) and attach it to the container, or mark each container with the following information, if not already present:

- National Stock Number
- Lot/Batch Number
- Date Tested (day visually extended or QSL date)
- Next inspection/test date
- Authority (QSL, MQCSS, laboratory name)
- Initials of person who inspected and extended item

🖉 DoD Shelf-Life Program	Home Pa	age - Micro	osoft Interr	et Explo	rer			7 🔀 📧	1 🐲 🕯	🔍 🔍 🖡	2 - 8 ×
<u></u> Eile <u>E</u> dit <u>∨</u> iew <u>G</u> o	F <u>a</u> vorites	<u>H</u> elp							-1		e
Back Forward	Stop	C Refresh	Home	Q Search	Favorites	🌀 History	Sector Se	Fullscreen	Mail	Print	⊡ ZÎ Edit
Address 🛃 http://www.shel	flife.hq.dla.	mil/									-
			DC uality C	Sontrol S	Storage	Standa	ard				Î
	9150	00088935	22		L	UBRICAT	FING OIL,	SEM			
About	INSP T1 T	1 1			DI A	EFECTICD 9 C1 D3	D9 H1				
Subcommittees	STOP	RE QUTY LV	L	s	LF LIFE MO	NTH	SLF	LIFE TYPE			
Shelf-Life POCs	6.56	i.56.5		3	36		2				
<u>Training</u>	FIRS	T INSP MOR	ТН		E INSP MOR	лтн	RE	INSP LIMIT			
Policy Documents		TOPAGE	<u>en</u>	2		<u>en</u>	-				
Extension Program	D1	STORAGE	00	0	X	00		INACING CD			
.mil and .gov only	LVL	PROTECT C	D	1	D MARK CD		TES	TREQICD			
Shelf-Life Minutes	С			0	010306		A1	A6			
Other Links	SPE	C REQ CD		β	ODL REQ CI	0					
Search				J	18 K1						
Feedback	TECH	INICAL PUE	REF				PRI	MARY SEG C	D		
Homo											
	•										▼
&]									i 🍋 🖉	Internet zone	
😭 Start 📔 🎦 Inbox - Mic	K Micro	osoft E	y Microsoft .	e to	oD Sh	🍌 Acroba	at Re	🥶 🔍 🗂		∍,∌⊗ <mark>™</mark>	字 10:48 AM

QUALITY STATUS LIST									
NSN	CONTRACT	LOT/	NOUN	SPECIFICATION	LAST	TEST	CONDITION	ISSUE	SOURCE
	NUMBER	BATCH			TEST	DUE	CODE	10	OF SUPPLY
9150008893522	DLA40091C5228	SC03		MIL-L-46000	091999	092001	А	ALL	S9G
9150008893522	SP045094C0871	V101		MIL-L-46000	081998	082000	А	ALL	S9G
9150008893522	SP045098MCB73	818		MIL-L-46000	101999	102001	А	ALL	S9G

SHELF-LIFE EXTENSION NOTICE		
PER D ₀ D 4140.27-M, CONTAINERS REQUIRE RE-MARKING WITH EXTENDED SHELF-LIFE DATA. UNITS OF ISSUE REQUIRE RE-MARKING UPON OPENING CONTAINER.		
NSN:		
CONTRACT NUMBER:		
LOT/BATCH NUMBER:	-▶6850-00-151-9722 Clue	
DATE TESTED:	1pt 2.4 oz NET	
NEXT INSP/TEST DATE:	ADLA 4008802759	
AUTHORITY:	MFG 1/88	
(QSL, MQCSS, OTHER)		
(ACTIVITY AND INSPECTOR'S NAME OR NUMBER)		┚
DD EODM 2477 2 MAD 1000		

DD FORM 2477-2, MAR 1999

The Shelf-Life Extension Notice is located on the shelf-life website.

STEP 8. After you complete the label and attach it to the container, you can place the item back into service.

You must use, extend, or dispose of Type II chemicals within 90 days of their expiration date. If the HM is not useful or cannot be extended for any reason, manage and dispose of it IAW Chapters 7 and 8.

14. ADDITIONAL INFORMATION

Contact the Environmental Protection Specialist at (503) 584-3862 or the Hazardous Materials Identifier at (503) 557-5294 for additional assistance.

(THIS PAGE INTENTIONALLY LEFT BLANK)