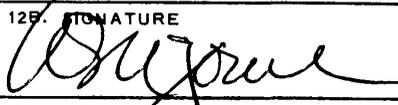


N62604.AR.000007
NCBC GULFPORT
5090.3a

SUPPORT AGREEMENT REGARDING REWAREHOUSE STORAGE FOR ORANGE
HERBICIDE NCBC GULFPORT MS
7/1/1972
NCBC GULFPORT

SUPPORT AGREEMENT			1. EFFECTIVE DATE 2182 1 Jul 1972	2. TERMINATION DATE 5181 30 Jun 1975	3. AGREEMENT NUMBER Z3-N62604-0055-3	4. ACG SUBGROUP NO. 34
5. AGREEMENT NUMBER SUPERSEDED BY THIS AGREEMENT Z3-N62604-0048-1				6. NAME AND ADDRESS OF SUPPLYING ACTIVITY Naval Construction Battalion Center Gulfport MS 39501		6A. M/C CODE 2
7A. NAME AND ADDRESS OF RECEIVING ACTIVITY San Antonio Air Materiel Area Directorate of Distribution Kelly AFB TX 78241				7B. RECEIVING ACTIVITY ADDRESS CODE FB 2059		
8. EST YEARLY VALUES OF SUPPORT TO BE PROVIDED			9. CATEGORIES OF SUPPORT (Indicate codes from reverse)			
A. REIMB	B. NON-REIMB	C. TOTAL	W	X		OTHER
10. FUNDING AND REIMBURSEMENT ARRANGEMENT (Use blank sheet(s) of paper if additional space is necessary) Naval Construction Battalion Center will submit SF Form 1080 with itemized charges thereon, to HQ SAAMA/ACFSB, Kelly AFB TX 78241 on a quarterly basis. Cite appropriation 5723400 302 6306 02 254975 59104 S504300.						
11. SPECIFIC PROVISIONS (Use blank sheet(s) of paper if additional space is necessary) a. The Naval Construction Battalion Center, Gulfport, Mississippi, hereinafter cited as CBC, is requested to furnish outdoor storage space for approximately 15,285 drums of herbicide pursuant to AFR 69-5, Cross-Servicing in Storage Activities, copy attached, and made a part of this agreement. b. The CBC will: (1) Maintain in storage, pursuant to NAVSANDA PUB 284/AFM 67-3, 55 gallon drums of herbicide (weed killing compound) until all stocks have been shipped from the CBC.						
12A. TYPED NAME, POSITION TITLE OF LOCAL OFFICIAL FOR SUPPLIER W. M. ZOBEL CAPT, CEC, USN Commanding Officer				12B. SIGNATURE 		12C. DATE 9 AUG 1972
13A. TYPED NAME, POSITION TITLE OF LOCAL OFFICIAL FOR RECEIVER JOE FRY, Colonel, USAF Base Commander				13B. SIGNATURE 		13C. DATE JUL 25 1972
14. APPROVAL AUTHORITY IS: <input type="checkbox"/> REQUIRED (If required, complete items 14A-15C) <input type="checkbox"/> NOT REQUIRED						
14A. NAME, POSITION TITLE FOR SUPPLIER				14B. SIGNATURE		14C. DATE
15A. NAME, POSITION TITLE FOR RECEIVER				15B. SIGNATURE		15C. DATE
16. ANNUAL REVIEW AND/OR MINOR MODIFICATION						
A. DATE OF REVIEW				C. SIGNATURE FOR SUPPLIER		
B. NATURE OF MODIFICATION				D. SIGNATURE FOR RECEIVER		
A. DATE OF REVIEW				C. SIGNATURE FOR SUPPLIER		
B. NATURE OF MODIFICATION				D. SIGNATURE FOR RECEIVER		
A. DATE OF REVIEW				C. SIGNATURE FOR SUPPLIER		
B. NATURE OF MODIFICATION				D. SIGNATURE FOR RECEIVER		
A. DATE OF REVIEW				C. SIGNATURE FOR SUPPLIER		
B. NATURE OF MODIFICATION				D. SIGNATURE FOR RECEIVER		

(2) Perform monthly inspection to detect drum leakage. Tighten bung and vent closures as necessary.

(3) Replace bung gaskets and closures as necessary to prevent leakage.

(4) Redrum content of drums requiring emergency transfer of contents due to excessive leakage (does not include redrumming requirements incident to a mass redrumming or shipment project).

(5) Perform administrative traffic functions relative to shipment planning and execution.

(6) Submit SF 1080 as cited in Item 10, this agreement.

c. The Receiving Activity will:

(1) Furnish shipping and disposition instructions when DOD decision is made on final disposition.

(2) Furnish empty 55 gallon drums, bung, and vent closures when required for redrumming.

(3) Provide appropriate funding data to CBC for transport of herbicide.

(4) Perform quarterly on-site storage inspection of herbicide orange drums (AFLC/DS Msg. 011851Z Mar 72, Herbicide Orange)

d. Special Provisions: Whenever it may be necessary to accomplish a total or partial rewarehousing, redrumming or shipping project it will be the responsibility of the Receiving Activity. In coordination with the CBC, the Receiving Activity may accomplish the project by commercial contract, AF personnel or Interservice Support Agreement with another military service, subject to approval of the CBC.

e. Subject to future disposal requirements of herbicide orange requiring actions not listed herein, both parties are authorized to negotiate needs by phone.

SAAMA/DSMP - Messrs. A. S. Niska and E. Huggins. Autovon
945-7434

CBC/CODE 12.1 - Mr. C. Anderson, Autovon 363-4412

f. Agreement Termination: Either party may terminate this agreement by giving 90 days written notice to the other party, subject to the approval of the DOD.

g. Mobilization: In case of mobilization or other emergency, this agreement will not be terminated if such action will impair the combat mission of the Receiving Activity. If termination is necessary, it will be only when new storage arrangements can be made by the Receiving Activity.

h. Labor charges to support storage and traffic functions at CBC will be submitted to SAAMA as cited in Item 9 DD Form 1144.

1 Atch
AFR 69-5

Subject: Herbicide Orange, Environmental Dangers, Storage Procedures, etc.

1. Storage data

a. Approximately 15,640 drums are stored at the Naval Construction Battalion Center, Gulfport, Miss. All drums are in open storage.

b. Herbicides are delivered in 55-gallon steel drums marked with an identifying color band. Drums may be stored in either a horizontal or vertical position. Under prolonged storage, stockpiles should be checked periodically to determine the condition of the containers and remove leakers or damaged drums. ORANGE, BLUE and WHITE are stable chemicals with a storage life of several years. The chemicals may outlast the life of the metal containers under prolonged storage exposure to tropical heat, rain, and humidity. Tests of container linings by Air Force Materials Laboratory showed most epoxy-type linings to be satisfactory; zinc and bare steel were unsatisfactory as container linings for ORANGE, BLUE and WHITE.¹⁶

c. As of 30 June 1972, 1592 of these drums have been rewarehoused. Only three of the 1592 drums rewarehoused required redrumming. One drum because it was a leaker the other two because of damage to the drum making handling in future transportation difficult.

2. General statement on Toxicity

a. On the basis of a review of the Toxicity data for Orange Herbicide by the Midwest Research Institute the following conclusions were drawn.

(1) The direct toxicity hazard to people and animals on the ground is nearly nonexistent.

(2) The general concept of toxicity of ^{these} chemicals to man and wildlife includes the effects of a single ingestion or acute oral toxicity and long-term or chronic effects of the chemical on the skin, eyes, inhalation, and other types of physical contact. Most of the ordinary chemicals with which we come in contact, such as table salt, aspirin, etc., have a degree of toxicity when ingested. When all aspects of toxicity are considered, agents ORANGE, BLUE, and WHITE have no serious limitations in their use.

(3) Eye Contact : WHITE applied directly to the eyes of rabbits caused moderate transient eye irritation, but no significant corneal injury. In general, ORANGE, BLUE, and WHITE present only a minor hazard from direct eye contact.

(4) Skin Contact and Irritation: Slight irritation may be caused by prolonged contact of the agents on the skin. ORANGE and WHITE exhibit little or no skin absorption. Prolonged contact with BLUE should be avoided to minimize absorption of cacodylic acid; excessive exposure is evidenced by a pronounced garlic odor in the breath. As stated earlier, skin contact with any of the chemicals should be avoided, and spillage should be removed by flushing liberally with water.

3. Safety Precautions: The chemicals discussed in this manual are nontoxic to humans and animals under normal use conditions. Personnel handling the chemicals should take normal sanitary precautions to maintain personal cleanliness and to avoid skin and eye contact with the material. Contaminated clothing should be washed before re-use. Spillage on the skin or in the eyes should be rinsed copiously with

clear water. Rubber and rubber products, such as shoe soles, are subject to deterioration in continued contact with ORANGE.

4. Flash point of herbicide ORANGE is approximately 290°F.