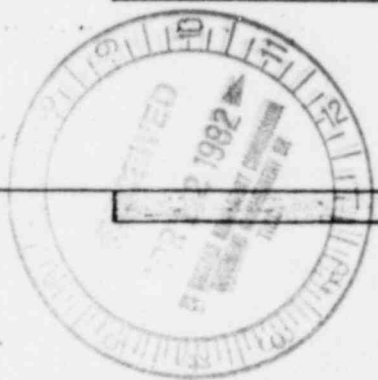


APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

PDR

1. APPLICANT'S USE		a. DATE OF APPLICATION 4/2/82		b. APPLICANT'S REFERENCE 16/82		2. NRC USE		a. DOCKET NO. U.S. 2818		b. LICENSE NO. XMAT0242			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS							
a. NAME Aldrich Chemical Company, Inc.						b. LICENSE NO. RIS							
b. STREET ADDRESS P. O. Box 355						a. NAME							
c. CITY Milwaukee			STATE WI		ZIP CODE 53201		b. STREET ADDRESS						
d. TELEPHONE NUMBER (Area Code - Number - Extension) 414-273-3850						c. CITY INTERNATIONAL SERVICES							
STATE			STATE		STATE		STATE		STATE		STATE		
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)					
Est. as soon as scheduled		Est. 2 years from license		Not Established		2 years from issue							
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE							
a. NAME Sigma-Israel						(Include plant or facility name) Deuterium oxide is used in laboratory quantities for research and development purposes as for example in deuterium NMR work.							
b. STREET ADDRESS P. O. Box 37673						11a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY Tel Aviv, Israel						13. INTERMEDIATE END USE							
12. INTERMEDIATE CONSIGNEE						13a. EST. DATE OF FIRST USE							
a. NAME						15. INTERMEDIATE END USE							
b. STREET ADDRESS						15a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY													
14. INTERMEDIATE CONSIGNEE													
a. NAME													
b. STREET ADDRESS													
c. CITY - STATE - COUNTRY													
16. NRC USE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WT.		21. UNIT	
		5 kg. of deuterium in 20 kgs. of deuterium oxide. Deuterium oxide (D ₂ O) containing deuterium.											
22. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A.				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)													
Copy to PDR and ACC 4-6-82													
26. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this application is correct to the best of his/her knowledge.													
27. AUTHORIZED OFFICIAL						a. SIGNATURE Bernard Edelstein			b. TITLE Executive Vice President & Sec.				



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