

ARC

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 10/8/80		b. APPLICANT'S REFERENCE 21/80		2. NRC USE		a. DOCKET NO. 1100 2239		b. LICENSE NO. XMATC146		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
a. NAME Aldrich Chemical Company, Inc.						a. NAME (Complete if applicant is not supplier of material)						
b. STREET ADDRESS P.O. Box 355						b. STREET ADDRESS						
c. CITY Milwaukee			STATE WI		ZIP CODE 53201		c. CITY					
d. TELEPHONE NUMBER (Area Code - Number - Extension) 414-273-3850						STATE ZIP CODE						
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 license issued		Est. 2 yrs. from license		Not established		2 yrs. from issue						
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE						
a. NAME Central Drug Research Institute						(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 Chattar Manzil Palace, P.O. Box 173						11a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY Lucknow-226001 India						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						15. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE						
a. NAME						19. MAX. ELEMENT WEIGHT						
b. STREET ADDRESS						19. MAX. WT. %						
c. CITY - STATE - COUNTRY						20. MAX. ISOTOPE WT.						
16. NRC USE						21. UNIT						
17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)						19. MAX. ELEMENT WEIGHT						
1 kg. of deuterium in 5 kg. of deuterium oxide. Deuterium oxide (D ₂ O) containing deuterium.						19. MAX. WT. %						
19. MAX. ELEMENT WEIGHT						20. MAX. ISOTOPE WT.						
22. COUNTRY OF ORIGIN - SOURCE MATERIAL						24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)						
USA												
23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED						25. ADDITIONAL INFORMATION (Use separate sheet if necessary)						
						* Copy to PDR and ACO 10-15-80 + ELD, ORWD						
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 Edelman			b. TITLE Executive VP & Secretary			

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POOR ORIGINAL