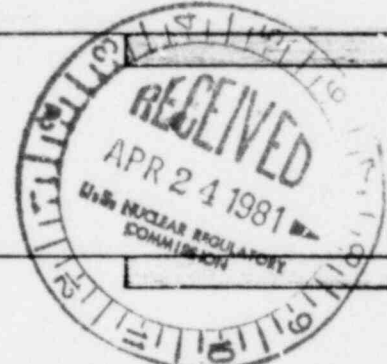


ACC

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 4/15/81		b. APPLICANT'S REFERENCE 3/81		2. NRC USE		a. DOCKET NO. 11802449		b. LICENSE NO. XMATO177					
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)									
a. NAME Aldrich Chemical Company, Inc.						1981 APR 22 AM 6 00									
b. STREET ADDRESS P.O. Box 355						a. NAME									
c. CITY Milwaukee			STATE WI		ZIP CODE 53201		b. STREET ADDRESS EXPORT/IMPORT AND								
d. TELEPHONE NUMBER (Area Code - Number - Extension) 414-273-3850						c. CITY INTERNAT'L ST			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 (Include plant or facility name)									
a. NAME Inst. Nacional de Pesquisos da Amazonia						Deuterium oxide is used in laboratory quantities for research and development purposes as for example in deuterium NMR work.									
b. STREET ADDRESS Estrada do Aleixo 1756						11a. EST. DATE OF FIRST USE									
c. CITY - STATE - COUNTRY KM 04 Manaus - AM- Brazil						13. INTERMEDIATE END USE									
12. INTERMEDIATE CONSIGNEE						14. INTERMEDIATE CONSIGNEE									
a. NAME						15. INTERMEDIATE END USE									
b. STREET ADDRESS						13a. EST. DATE OF FIRST USE									
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE									
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	
		1 kg. of deuterium in 5 kg. of deuterium oxide. Deuterium oxide (D <sub>2</sub> O) containing deuterium.													
22. COUNTRY OF ORIGIN - SOURCE MATERIAL USA				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 APR 23 1981															
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 Exec. VP & Secretary							



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