

NRC FORM 7 (8-2011) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027 EXPIRES: 08/31/2012	
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) <i>(See Instructions on Pages 4 and 5)</i>					
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED JUN 21 2012	
LICENSE NUMBER XMAT417/01		DOCKET NUMBER 11005954		ADAMS ACCESSION NUMBER	
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS <i>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</i>					
1. NAME AND ADDRESS OF APPLICANT/LICENSEE Sigma-Aldrich Corp. and subsidiaries 6000 North Teutonia Avenue Milwaukee, WI 53209		1a. NAME OF APPLICANT'S CONTACT Jared Fenton		1b. APPLICANT'S REFERENCE NUMBER none	
		1c. PHONE NUMBER (314) 286-8326		1d. FAX NUMBER (314) 286-8005	
		1e. E-MAIL ADDRESS jared.fenton@sial.com			
2. TYPE OF ACTION REQUESTED (Check One) <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <input type="checkbox"/> EXPORT <small>(Parts B, C, E)</small> </div> <div style="text-align: center;"> <input type="checkbox"/> IMPORT <small>(Parts B, D, E)</small> </div> <div style="text-align: center;"> <input checked="" type="checkbox"/> AMENDMENT/RENEWAL <small>Current License Number:</small> XMAT417 </div> <div style="text-align: center;"> <input type="checkbox"/> CONSENT REQUEST <small>(Parts B, C)</small> <small>Current License Number:</small> </div> </div>					
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE		5. LAST SHIPMENT DATE	
				6. PROPOSED EXPIRATION DATE	
PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, RENEWALS OR CONSENTS <i>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</i>					
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Sigma-Aldrich (Shanghai) Zhangjiang High Tech East Park No. 509 Ren Qing Rd, Bldg 10, Pudong 201201 Shanghai, China (Names/Addresses continue in ADDITIONAL INFORMATION on page 3)	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S)	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)		10b. MAX ENRICHMENT OR WGT %	
				10c. MAX ISOTOPE WGT (KG)	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)					

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U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

LICENSE NUMBER <i>XMAT417/01</i>	DOCKET NUMBER <i>11005954</i>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			

PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input type="checkbox"/> NO
18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.	
18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Jared Fenton Manager, Trade and Product Compliance Sigma-Aldrich	18b. SIGNATURE – AUTHORIZED OFFICIAL <i>Jared Fenton</i>
18c. DATE <i>6/15/12</i>	

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U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL OR CONSENT REQUEST(S) (Continued)

LICENSE NUMBER X Mat 412/01	DOCKET NUMBER 11005984	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

9. NAMES/ADDRESSES OF ULTIMATE FOREIGN CONSIGNEES continued

Sigma-Aldrich (Shanghai) Trade Co Ltd
XinRi Logistics Warehouse
LiQiao Town, Shun Yi District
Hou Qiao Village (East 1500M)
Shun Yi District
101304 Beijing, China

Shanghai Tomoe Trading Co Ltd
No 1088 Jiaqian Road Jiading District
201802 Shanghai, China

Wuxi Apptec (Shanghai) Co Ltd
288 Fute Zhong Road
Waigaoqiao Bonded Zone
Shanghai 200131, China

Wuxi Apptec (Shanghai) Co Ltd
Air Cargo Services (AAS)
No 555 Hai Tian 1 Rd
Pu-Dong International Airport
Shanghai 201202, China

Wuxi Apptec (Tianjin) Co Ltd
No 111 Huanghai Rd 4th Ave
Teda
Tianjin 300457 China

Shanghai Syntheall Pharmaceutical Co
No 9, Yuegong Road
Jinshan District (W)
Shanghai Chemical Industry Park
Shanghai 201507, China

Taiyo Nippon Sanso Trading (Shanghai)
428 South Yanggao Rd, Pudong
200127 Shanghai, China

JUN 21 2012

June 19, 2012

Joanne Savoy – Mailstop 04E21
Office of International Programs
11555 Rockville Pike
Rockville, MD 20852

Re: NRC Export License Amendment Request

Dear Ms. Savoy,

Please find the enclosed NRC Export License Amendment Request for license number XMAT417. On January 18, 2012, Sigma-Aldrich received approval for license XMAT417 to ship up to 3,000 kilograms of deuterium to China.

This license amendment is being requested to revise the current ultimate consignee's address for Sigma-Aldrich (Shanghai) Trading Co, Ltd. The new address for Sigma-Aldrich (Shanghai) Trading Co, Ltd is located in Block 9 of the attached NRC Export License Amendment Application. To better service our customers, Sigma-Aldrich has identified seven additional ultimate consignees that will need to be included in the license. Please find these additional addresses on page three of the Application under "Additional Information."

Sigma-Aldrich contacted the NRC recently to obtain the fee amount for this amendment. Our company spoke with Jenny (Tobin) Wollenweber, Export Licensing Office, who stated that this amendment fee would be \$9,600. The check should have been received in your office on Thursday June 14, 2012.

If you have any questions, please feel free to contact me.

Sincerely,



Jared Fenton
Manager, Trade and Product Compliance
545 S. Ewing Ave.
St. Louis, MO 63103
Tel (314) 286-8326
Fax (314) 286-8005
jared.fenton@sial.com

Enclosure

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