

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

**UNITED STATES OF AMERICA**  
Nuclear Regulatory Commission  
Washington, D.C. 20555


NRC LICENSE NO.: XMAT446

Page 1 of 2

NRC DOCKET NO.: 11006307

LICENSE EXPIRES June 30, 2023

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the U.S. Nuclear Regulatory Commission (NRC) issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

<b>LICENSEE</b>		<b>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b>	
Sigma Aldrich Co. LLC 3050 Spruce Street St. Louis, MO 63103  Attn: Jared Fenton		Sigma-Aldrich Chemical Company, Ltd. The Old Brickyard New Road Gillingham Dorset SP8 4XT United Kingdom  (Non-nuclear end use in the medical, pharmaceutical, chemical and industrial markets)	
<b>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b>		<b>OTHER PARTY(IES) TO EXPORT</b>	
NONE		See Page 2	
APPLICANT'S REFERENCE NO.: Appl. date 3/26/18		ULTIMATE DESTINATION(S): United Kingdom	
<b>QUANTITY(IES)</b>	<b>DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</b>		
5,000 kilograms	Deuterium in the form of deuterium gas, deuterium oxide, and deuterium compounds.		
Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974.  This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended, and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the NRC.		THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE	
		SIGNATURE: 	
		NAME AND TITLE: David L. Skeen, Deputy Director Office of International Programs	
		DATE OF ISSUANCE: JUN 13 2018	

**EXPORT LICENSE**

**OTHER U.S. PARTY(IES) TO EXPORT:**

1. Aldrich Chemical Co. LLC  
6000 N. Teutonia Avenue  
Milwaukee, WI 53209

(Supplier/distributor)

2. Aldrich Chemical Co. LLC  
3858 Benner Road  
Miamisburg, OH 45342

(Supplier/distributor)

3. Aldrich Chemical Co. LLC  
6950 Ambassador Drive  
Allentown, PA 18106

(Supplier/distributor)