

**PERMIT NO: B0332P191242**

**ENVIRONMENTAL PROTECTION AND MANAGEMENT ACT  
ENVIRONMENTAL PROTECTION AND MANAGEMENT  
(HAZARDOUS SUBSTANCES) REGULATIONS  
PERMIT TO STORE AND USE HAZARDOUS SUBSTANCES**

Under Regulation 17 of the Environmental Protection and Management (Hazardous Substances) Regulations, a permit is hereby granted to:

MR RORY LLUISMA DAPITAN

of ELEMENT MATERIALS TECHNOLOGY SINGAPORE PTE. LTD.  
106 TUAS SOUTH AVENUE 2 WEST POINT BIZHUB  
SINGAPORE 637158

to store at

Site No    Site Address

Site-1    106 TUAS SOUTH AVENUE 2 WEST POINT BIZHUB SINGAPORE 637158  
Site-2    110 TUAS SOUTH AVENUE 2 #01-110 WEST POINT BIZHUB SINGAPORE 637160

and use the following hazardous substances in the quantity/quantites entered against each substances hereunder and for the purpose specified herein:

<u>Name of Hazardous Substances</u>	<u>Purity</u>	<u>Max Qty Permitted to be stored</u>	<u>Site No</u>	<u>Purpose</u>
FERRIC CHLORIDE	(100.00%)	6.00 KG	Site-1	For etching
SODIUM HYDROXIDE	(100.00%)	30.00 KG	Site-1	For etching
ACETIC ACID	(100.00%)	5.00 LIT	Site-2	For etching
AMMONIUM HYDROXIDE	(28.00%)	1.00 LIT	Site-2	For etching
BORIC ACID	(100.00%)	1.00 KG	Site-2	For etching
CHROMIC ACID	(100.00%)	1.00 KG	Site-2	For etching
FERRIC CHLORIDE	(100.00%)	6.00 KG	Site-2	For etching
HYDROFLUORIC ACID	(50.00%)	5.00 LIT	Site-2	For etching
HYDROCHLORIC ACID	(37.00%)	10.00 LIT	Site-2	For etching
NITRIC ACID	(100.00%)	15.00 LIT	Site-2	For etching
POTASSIUM HYDROXIDE	(85.00%)	1.00 KG	Site-2	For etching
SODIUM HYDROXIDE	(100.00%)	30.00 KG	Site-2	For etching
SULPHURIC ACID	(97.00%)	10.00 LIT	Site-2	For etching

to use, but not store, the following hazardous substances for the purposes specified therein;

<u>Name of Hazardous Substances</u>	<u>Purity</u>	<u>Purpose</u>
NIL		

**PERMIT NO: B0332P191242**

This permit is issued subject to the provisions of the Environmental Protection and Management Act, the Environmental Protection and Management (Hazardous Substances) Regulations and to the following conditions:

- 1 Hazardous substances in packaging such as drums, carboys etc are to be kept in a sheltered store with adequate security, ventilation and control facilities to contain spillage or leakage.
- 2 Hazardous substances shall be labelled according to the Singapore Standard (Specification for hazard communication for hazardous chemicals and dangerous goods), SS 586-1:2021 and SS 586-2:2022.
- 3 The percentage and quantity refer to the maximum percentage and maximum aggregate storage quantity allowed for the hazardous substance; including preparations and solutions containing the hazardous substance.
- 4 Licence/Permit holder shall immediately notify NEA upon occurrence of any incident involving the loss, releases and/or fires of hazardous substances.
- 5 Any information furnished for the purpose of obtaining this licence/permit is true and correct, and permission has been obtained from the owner(s) to use any proprietary information furnished.
- 6 Boric acid shall not be used in food manufacturing.
- 7 Nitric acid with a concentration above 90% shall be stored below 25° C within a fire resistant enclosure and away from all other materials. Fire safety measures in accordance to Fire Safety & Shelter Department requirements shall also be taken to ensure the safe storage.
- 8 Permit holder shall ensure that his employment pass is valid throughout the period of validity of his permit.

This licence takes effect from 04 Sep 2025 and expires on 03 Sep 2026.

Dated this 18th day of Jul 2025.

\*\*GIRO      \$160      16 Jul 2025 \*\*

*Min Q*  
NEO MIN QI  
for Director-General  
Environmental Protection