

PERMIT NO: J0211P191393

**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 UICHANCO JOSEPH ANGELO VILLARANDA

of JAMES COOK UNIVERSITY PTE. LTD.
149 SIMS DRIVE
SINGAPORE 387380

to store at

Site No Site Address

Site-1 149 SIMS DRIVE SINGAPORE 387380

and use the following hazardous substances in the quantity/quantities 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>
ACETIC ACID	(100.00%)	2.00 LIT	Site-1	For R&D
POTASSIUM HYDROXIDE	(100.00%)	1.00 KG	Site-1	For R&D
HYDROCHLORIC ACID	(38.00%)	2.50 LIT	Site-1	For R&D
SODIUM HYDROXIDE	(99.00%)	1.00 KG	Site-1	For R&D
SODIUM BORATE	(99.00%)	1.00 KG	Site-1	For R&D
FERRIC CHLORIDE	(100.00%)	0.50 KG	Site-1	For R&D
SULPHURIC ACID	(98.00%)	1.00 LIT	Site-1	For R&D
NITRIC ACID	(70.00%)	1.00 LIT	Site-1	For R&D
AMMONIA SOLUTION (EXCEPT AMMONIUM HYDROXIDE)	(25.00%)	1.50 LIT	Site-1	For teaching purpose
AMMONIUM HYDROXIDE	(35.00%)	1.50 LIT	Site-1	For teaching purpose
FORMIC ACID	(100.00%)	2.00 LIT	Site-1	For R&D
BORIC ACID	(100.00%)	1.00 KG	Site-1	For R&D

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

Name of Hazardous Substances Purity Purpose

NIL

This permit is issued subject to the provisions of the Environmental Protection and Management Act, the Environmental

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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 586:2021 (Hazard communication for hazardous chemicals and dangerous goods).
- 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 Boric acid/ sodium borate shall not be used in food manufacturing.
- 6 Permit holder shall ensure that his employment pass is valid throughout the period of validity of his permit.

This licence takes effect from 18 Jan 2023 and expires on 17 Jan 2024.

Dated this 6th day of Dec 2022.

**GIRO \$160.00 02 Dec 2022 **



Neo Min Qi
**for Director-General
Environmental Protection**