

# 实验室转移化学品 安全准则



NO. 001

## 安全准则

- 准则 1** 转移前将盛装化学试剂的**容器盖好**。跨楼宇转移时，应使用带**四边围栏的小推车**转移，必要时可将化学试剂放入**二次防泄漏托盘中**，避免容器破裂和化学试剂泄漏。
- 准则 2** 在不同房间内转移化学试剂时，可使用**安全运瓶篮**作为转移工具。
- 准则 3** **提前规划并确认好转移路径**。如使用电梯转移化学试剂，应尽量使用货梯，以避免客梯拥挤发生事故。按电梯按钮或开关门时请摘下防化手套。
- 准则 4** 不要在**人员活动频繁的时间**运输化学试剂，如课间休息时段或午餐时间。
- 准则 5** 不要将化学试剂放到现场无人看管。



## 事故案例

2023年4月，在跨楼宇转移化学试剂时，发生了一起**化学试剂泄漏事故**。

操作人员使用一台**平板车**转移化学试剂，当他拉着平板车转弯时，突然有4个玻璃瓶装的化学试剂从平板车上侧翻到地面，导致了其中一瓶2.5kg的NN-二甲基丙烯酰胺的**玻璃瓶破碎**，化学试剂泄漏到地面上。



# Transport Chemicals Safely in Laboratory



NO. 001

## SAFETY RULES

- Rule 1** **Cap all containers.** A 4-sided cart with additional secondary containment should be used when transporting chemicals between buildings. Use leak-proof secondary containers to protect bottles from breaking and spillage.
- Rule 2** Use **Safety bottle tote carriers** for transporting chemical between rooms.
- Rule 3** **Plan and check the transfer path in advance.** Use **freight elevators** for moving hazardous chemicals whenever possible to avoid potential incidents on crowded passenger elevators. Remember to remove gloves when pushing elevator buttons or opening doors.
- Rule 4** Do not transport chemicals during **busy times** such as break times or lunch periods.
- Rule 5** Never leave chemicals **unattended.**



## INCIDENT

**Chemical leakage occurred during transporting chemical between buildings in Apr 2023.**

The operator used a **platform trolley** to transfer several bottles of chemical between buildings, inadvertently 4 bottles of chemical fell off from the platform trolley while he was trying to make a turn, which resulted in 2.5kg NN-dimethylacrylamide spilled on the floor.

