

What is Decanting?

Decanting refers to transferring a hazardous substance (chemical) from its original container to a different container.

What's the Danger?

The first 10-15 seconds after exposure to a hazardous substance, especially a corrosive substance, are critical. Delaying treatment, even for a few seconds, may cause serious injury.

Common Mistakes When Transferring Chemicals from One Container to Another	
No Workplace Label	The label identifies the contents and ensures proper control and handling. The label must have the product name, safe handling precautions, a reference to the SDS.
No Safe Work Procedure	Ensure decanting chemicals is documented in a safe work procedure with training provided to all employees.
Not Wearing PPE	Chemical resistant gloves, face shield or goggles, respiratory protection, apron or coveralls – proper PPE helps mitigate hazards and ensure worker safety.
Not Grounding and Bonding	Static electricity charges can accumulate when there is friction between the dispensing container and the receiving container of <u>some flammable liquids</u> . This charge can build up when liquids are poured, pumped or stirred. Grounding and bonding allows this static to safely dissipate into the ground.

Safety Tip: Always Check the SDS

Section 2 - Hazard Identification: This section plays a vital role assessing the risk of the chemical, helping users understand the dangers at a glance and take appropriate precautions. Verify if the chemical is flammable.

Section 6 - Accidental Release Measures: To determine proper handling of accidental releases, especially when decanting from large drums/totes/containers.

Section 8 - Exposure Controls/ Personal Protection: To determine appropriate personal protective equipment that will need to be worn while decanting the chemical.

Section 9 - Physical and Chemical Properties: Flammable chemicals should have the flashpoint verified to determine if grounding and bonding will be required.

Demonstrate

How to properly decant a substance (specific to your workplace) from one container to another.

Review the different sections (2, 6, 8 and 9) of an SDS for that substance.

