

Care and Storage

To maximize the lifespan of your SynDaver product made from our proprietary SynTissue®, specific care must be taken to store your Task Trainer. SynTissue® was developed to mimic the properties of living tissue. As such, SynTissue® must remain hydrated, and must be stored in a water-based solution.

The delivery of your Task Trainer will include a storage basin (polyethylene tank and lid), a bottle of essential oil and a pipette for measuring and dispensing the oil.

Starting up the storage system requires you to provide a quantity of 99.9% Isopropyl Alcohol (medical/technical grade). The amount of IPA required will depend on the volume of your storage system and will be defined in the chart below.

When utilizing your SynDaver Task Trainer, care should be taken to keep the model free of contaminants. Best practices include cleaning all surfaces on which the Task Trainer will be used and having all participants use surgical gloves while handling/utilizing the model.

Visually inspect your SynDaver Task Trainer and tank conditions during each use or at a minimum, monthly. The IPA-based storage solution may become cloudy. This is normal and does not affect the efficacy of the solution.

Over time, your Task Trainer should remain pristine and free from any sort of microbial growth. As the model ages, it is normal for tissue colors to fade slightly. Any white portions of the model should remain white.

While the IPA-based storage solution overcomes most issues with water quality variations (by neutralizing microbes), the presence of sediment in your water supply may adversely affect the aesthetics of your Task Trainer. The presence of sediment can be identified by its accumulation at the bottom of the tank and/or a browning of the white portions of the model. While discoloration due to sediment is not a serious issue, SynDaver does recommend installing a sediment filter if sediment is present in your water supply.

Should you encounter any issues with your SynDaver product, please contact our SynDaver Care team immediately. Additional information for the care and storage of your Task Trainer can be found at www.syndaver.com/syndaver-care (QR code below).

Email: care@syndaver.com

Phone: (813) 600-5530



SynDaver Task Trainers

Use appropriate PPE while handling Isopropyl Alcohol. Chemical resistant gloves, apron and goggles are recommended.

Required Items

- ◆ Clean water source
- ◆ 99.9% medical/technical grade Isopropyl Alcohol (customer supplied) in quantity outlined in chart below
- ◆ Essential oil and 1 mL pipette (SynDaver supplied)

Storage System Preparation

- ⇒ Rinse storage basin/lid with clean water to remove any debris
- ⇒ Fill storage basin 3/4 full of clean water
- ⇒ Add indicated amount of 99.9% IPA to the water
- ⇒ Add indicated amount of Essential Oil to the water, using the 1 mL pipette (additional oil can be added if desired)
- ⇒ Gently mix to combine the solution ingredients

Your storage system is now ready for use

Storage Solution levels in the basin may decrease over time due to spillage and evaporation. To maintain the appropriate depth of solution in your basin, replenish the solution as needed.

Replenishment (as needed)

- ⇒ Combine nine (9) parts clean water with one (1) part IPA
- ⇒ Add desired amount of Essential Oil to the mixture
- ⇒ Add solution to storage basin
- ⇒ Gently mix solution

Mixing Formulas for IPA Storage Solution

Tank Dims	Tank Size (GAL)	Products	3/4 Fill (GAL)	IPA (GAL)	Essential Oil
12" x 12" x 12" and 14" x 10" x 10"	6	Cric Trainer Newborn Airway Trainer Arthocentesis Knee Trainer Canine Basic Airway Trainer	4.5	0.5	1 mL
18" x 12" x 12"	11	SSC Surgical Canine (Head) Pediatric Airway Trainer	8.25	1	1 mL
24" x 12" x 12"	15	Canine Deluxe Airway Trainer	11.25	1.25	1.5 mL
18" x 18" x 12"	17	Adult Airway Trainer	12.75	1.5	1.5 mL