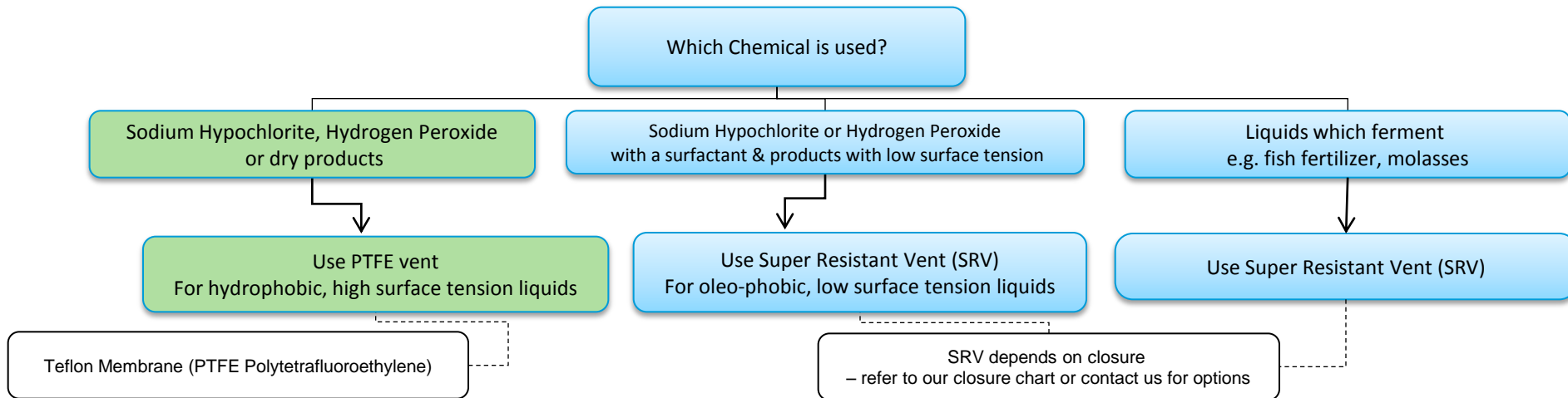


# Guide to using Vented Caps and Closures



Use PTFE for:	
Products that <b>ONLY</b> Contain:	<ul style="list-style-type: none"> <li>•Bleach (Sodium Hypochlorite) &amp; water</li> <li>•Hydrogen Peroxide &amp; water</li> <li>•Dry products</li> </ul>
Such As:	<ul style="list-style-type: none"> <li>•Pool bleach</li> <li>•Pool shock</li> <li>•Powders or tablets</li> </ul>

PTFE membrane is recommended for use on hydrophobic (water repellent) high surface tension, liquids. PTFE has limited applications.

*Used with permission from Performance Systematix Inc.*

**Please Note:**

For the health & safety of our staff, and the integrity of your product, only clean unused closures will be vented. Please refer to our Policy on Venting Dirty Caps (available on our website).

**If in any doubt please contact us:** 3 Swans Ltd. ph 07 8509581, email [info@3swans.co.nz](mailto:info@3swans.co.nz), web [www.3swans.co.nz](http://www.3swans.co.nz)

Use Super Resistant Vents for:	
Products Containing <b>ANY:</b>	<ul style="list-style-type: none"> <li>•Surfactants</li> <li>•Soaps</li> <li>•Detergents</li> <li>•Solvents</li> <li>•Oils</li> <li>•Acids</li> <li>•Alcohols</li> <li>•Fragrance</li> </ul>
Such As:	<ul style="list-style-type: none"> <li>•Household &amp; industrial cleaners</li> <li>•Liquid fertilisers</li> <li>•Molasses</li> <li>•Pesticides</li> <li>•Degreasers</li> <li>•Scented bleach</li> <li>•Essential oils</li> </ul>

Super Resistant Vents (SRV) are recommended for solutions containing oleo-phobic (oil repellent) low surface tension liquids. We have SRV options suitable for a wide range of applications including any application that PTFE is suitable for.

**Vent Hole Size:**  
**2mm** - PTFE vents will have a 2mm hole  
**4mm** – SRV done in 3 Swans workshop will have a 4mm hole  
 NB. Hole size on factory produced vented closures varies depending on closure size and vent type, from 1-6mm.  
 Some SRV do not require an external hole to vent.

**Usage notes when using any vent:**

- Be sure to allow adequate head space in the container. We suggest a minimum of 5%-10%.
- Insufficient head space can cause leakage or plugging of the vent.
- Following filling 'Tip & Test' is recommended to ensure caps are on correctly and vent is functioning
- Container must be transported and stored in an upright position.

*This information is intended for use in product evaluation, under your specific end use conditions, at your own discretion and risk.*