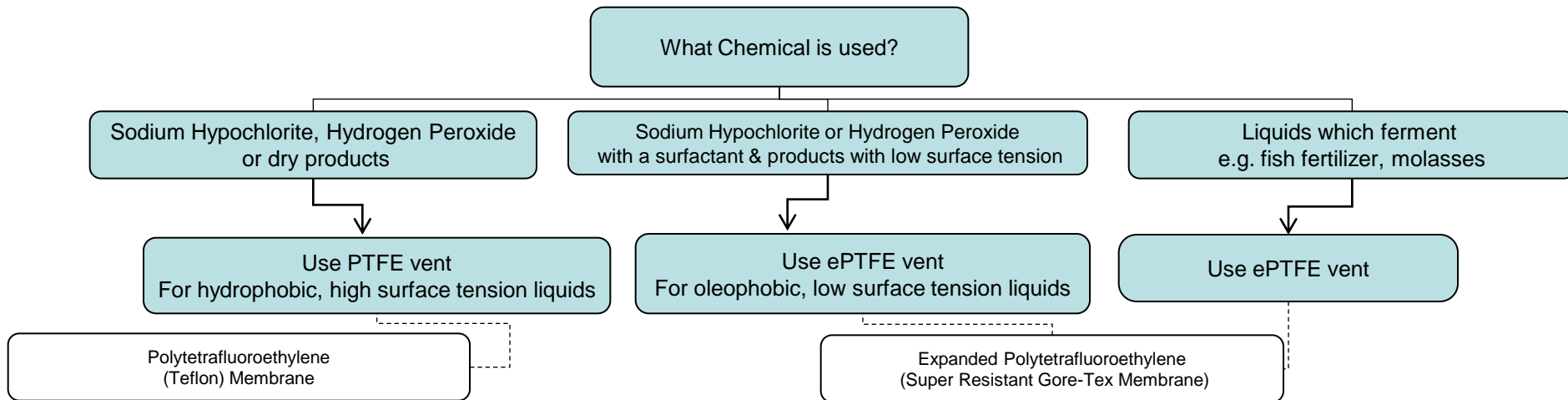


Guide to using Vented Caps and Closures



Use PTFE for:

Products that ONLY Contain:	<ul style="list-style-type: none"> •Bleach (Sodium Hypochlorite) & water •Hydrogen Peroxide & water •Dry products
Such As:	<ul style="list-style-type: none"> •Pool bleach •Pool shock •Certain fertilisers or disinfectants •Powders or tablets

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

Used with permission from Performance Systematix Inc.

Please Note:

For the health & safety of our staff, and the integrity of your product, only unused closures will be vented.

If in any doubt please contact us: 3 Swans Ltd. ph 07 8509581, email info@3swans.co.nz, web www.3swans.co.nz

Use ePTFE (SRM) for:

Products Containing ANY :	<ul style="list-style-type: none"> •Surfactants •Soaps •Detergents •Solvents •Oils •Acids •Alcohols •Fragrance
Such As:	<ul style="list-style-type: none"> •Household & industrial cleaners •Liquid fertilisers •Molasses •Pesticides •Degreasers •Scented bleach •Essential oils

ePTFE or SRM* (Super Resistant Membrane) is recommended for solutions containing oleophobic (oil repellent) low surface tension liquids.

Vent Hole Size:

2mm

1. High surface tension liquids e.g. Sodium Hypochlorite/Hydrogen Peroxide
2. Low surface tension liquids with closure size smaller than 38mm.

4mm

1. Low surface tension liquids e.g. as per chart for ePTFE (SRM).
2. Low surface tension liquids with closure size 38mm and larger

Hole size needs to be confirmed by specific testing – ask us for samples for testing

*SRM is for industrial use only. Not for use in food, drug, cosmetic or medical device manufacturing, processing or packaging operations.

Usage notes when using any vent:

- Be sure to allow adequate head space (ullage) in the container. We suggest a minimum of 5%-10%.
- Insufficient head space can cause leakage or plugging of the vent.
- 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.