The following formula has been adopted by Nova Scotia Health in the delivery of Medical Assistance in Dying via the oral route. This formula is considered an established formula as required by the NSCP Standards of Practice: Non-Sterile Compounding, Appendix A.

**MIXTURA NONTHERAPEUTICA SECOBARBITAL (150MG/ML)**

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secobarbital powder (available from Galenova-see below)</td>
<td>15 g</td>
</tr>
<tr>
<td>Alcohol 96% V/V (see below)</td>
<td>20 mL (16.2 g)</td>
</tr>
<tr>
<td>Purified water</td>
<td>15 g</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>10 mL (10.4 g)</td>
</tr>
<tr>
<td>Saccharin sodium</td>
<td>250 mg</td>
</tr>
<tr>
<td>Star anise oil</td>
<td>1 drop</td>
</tr>
<tr>
<td>Simple syrup (approx. 65 g)</td>
<td>q.s. 100 mL</td>
</tr>
</tbody>
</table>

Total yield: 121.85g (100mL)

**PREPARATION**

The preparation of oral MAID formulations often requires manipulation of powders with strong pharmacological actions. Compounds should wear personal protective equipment (PPE) such as a clean gown, powder-free gloves, mask, beard guard (if necessary) and eye protection to avoid inhalation or absorption through the skin. An independent double check of all measures is advisable to ensure accuracy to the weighted powders/doses.

1. Mix the purified water, propylene glycol and the alcohol.
2. Dissolve the secobarbital in this mixture whilst stirring.
3. Dissolve the saccharin sodium in this mixture.
4. Mix with the simple syrup and the star anise oil.

**PACKAGING AND STORAGE**

Bottle that protects the contents from the effects of light.

Beyond use date – 14 days

Store under 25°C, DO NOT REFRIGERATE

DO NOT SHAKE

**AUXILIARY LABELS**

Secobarbital solution should NOT be shaken as the high pH of the solution causes it to form bubbles in a soapy manner. Auxiliary labeling should include "lethal dose", do NOT shake, and do NOT store in fridge. Keep at room temperature.

**REFERENCES**

KNMG/KNMP Guidelines for the Practice of Euthanasia and Physician-Assisted Suicide
The Oral MAID Option in Canada
Part 1: Medication Protocols - Review and Recommendations
The Oral MAID Option in Canada
Part 2: Processes for Providing - Review and Recommendations

Secobarbital Powder
Secobarbital Powder is available by direct order from Galenova. Please contact the company at 1-855-866-0866 for information on account set up and ordering.

Alcohol 96%
Anhydrous Alcohol (100%) is available to be purchased through the Nova Scotia Liquor Commission (NSLC) with an appropriate permit. This can be diluted appropriately to achieve 96% alcohol v/v. Please see the NSLC website for a Pharmacy Permit Application.