

## Appendix E SAR Liquid Tissue Ingredients

The following tissue formulations are provided for reference only as some of the parameters have not been thoroughly verified. The composition of ingredients may be modified accordingly to achieve the desired target tissue parameters required for required for routine SAR evaluation.

### Product identifier

Trade name	Broad Band Tissue Simulation Liquid HBBL600-10000V6, MBBL600-6000V6, HU16B, MU16B
Manufacturer/Supplier	Schmid & Partner Engineering AG

Broad-Band Solutions (±10% tolerance)	Product	Test Frequency (MHz)	Main Ingredients
	MBBL1350-1850V3	1350 – 1850	Water, Tween
	MBBL1550-1950V3	1550 – 1950	Water, Tween
	MBBL1900-3800V3	1900 – 3800	Water, Tween
	MBBL600-6000V6	600 – 6000	Water, Oil

Broad-Band Solutions (±10% tolerance)	Product	Test Frequency (MHz)	Main Ingredients
	HBBL4-250V3	4 - 250	Water, Tween
	HBBL1350-1850V3	1300 – 1850	Water, Tween
	HBBL1550-1950V3	1550 - 1950	Water, Tween
	HBBL1900-3800V3	1900 – 3800	Water, Tween
	HBBL600-10000V6	600 – 10000	Water, Oil

### **Simulated Tissues (Liquid)**

The following tissue formulations are provided for reference only as some of the parameters have not been thoroughly verified. The composition of ingredients may be modified accordingly to achieve the desired target tissue parameters required for routine SAR evaluation.

#### **Product identifier**

Trade name	Broad Band Tissue Simulation Liquid HBBL600-10000V6, MBBL600-6000V6, HU16B, MU16B
Manufacturer/Supplier	Schmid & Partner Engineering AG

#### **Declarable components:**

CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28-0000	<b>Ethanediol</b> STOT RE 2, H373; Acute Tox. 4, H302	< 5.2%
CAS: 68608-26-4 EINECS: 271-781-5 Reg.nr.: 01-2119527859-22-0000	<b>Sodium petroleum sulfonate</b> Eye Irrit. 2, H319	< 2.9%
CAS: 107-41-5 EINECS: 203-489-0 Reg.nr.: 01-2119539582-35-0000	<b>Hexylene Glycol / 2-Methyl-pentane-2,4-diol</b> Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.9%
CAS: 68920-66-1 NLP: 500-236-9 Reg.nr.: 01-2119489407-26-0000	<b>Alkoxylated alcohol, &gt; C<sub>16</sub></b> Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.0%