



# The Soap Kitchen

Unit 2 D&E Hatchmoor Industrial Estate  
Torrington, Devon. EX38 7HP  
Tel:01805 622944 Email:[info@thesoapkitchen.co.uk](mailto:info@thesoapkitchen.co.uk)

## **TECHNICAL SPECIFICATION** **TS 144**                      **Emulsifying Wax ELE 10**

<b>PARAMETER</b>	<b>UNITS</b>	<b>SPECFN.</b>
C <sub>14</sub> -OH	%	2 max.
C <sub>16</sub> -OH	%	44 - 52
C <sub>18</sub> -OH	%	44 - 52
C <sub>20</sub> -OH	%	3 max.
Saponification Value	mg KOH/g	2 max.
Iodine Value	mg I <sub>2</sub> /100mg	3 max.
Alcohol	ml 1M NaOH/3.5g	12.8 - 14.2
Water Content	%	3 max.
Solubility in Ethanol	%	96 min.
Acid Value	mgKOH/g	2 max.
Ester Value	mg KOH/g	2 max
Congealing Point	°C	48 – 52
Sodium Alkyl Sulphates	%	8.7 min.

<b>INCI Name</b>	<b>CAS No.</b>	<b>EINECS No.</b>
Cetearyl Alcohol	67762-27-0	267-008-6
Sodium Lauryl Sulphate	151-21-3	205-788-1

This material is of vegetable origin, is free from BSE/TSE in compliance with entry number 419 of Annex II of the EC Cosmetics Directive 76/768/EC, and conforms to the requirements of the European Pharmacopoeia 2005 edition.

### ***Issued***

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