

# **FLAVOURING CAPSULES**

## **MODULE 1**

### **SUBSTANCE INFORMATION SHEET**

## FLAVOURING CAPSULES

### General Information

#### Uses

The addition of capsules in cigarettes allows adult smokers to customize the smoking experience. Capsules are embedded in the cigarette filter where the smoker can crush them at any chosen time and release the aromatic liquid causing the smoke to taste different. In particular, by crushing the menthol capsule, the adult smokers can change the taste of their cigarette either from a regular tobacco taste to a refreshing taste or to increase the refreshing taste sensation of a mentholated cigarette.

#### Composition

Most of the basic ingredients used by Philip Morris International in the preparation of menthol capsules are food approved and have been individually tested under a toxicological point of view. A list of those ingredients is showed below in Table 1.

Table 1

<b>Ingredient</b>	<b>CAS</b>	<b>E-number</b>
Gelatin	9000-70-8	N/A
Glycerol	56-81-5	E422
Menthol	Various	N/A
Natural & artificial flavoring	Various	N/A
Pigment green	Various	N/A
Sodium citrate	Various	E331
Sorbitol	50-70-4	E420
Modified starches and polysaccharides	Various	N/A
Triglycerides oils	Various	N/A

**Summary of the Toxicological Investigations on the Use of the Substance in Tobacco Products****Smoke Chemistry**

Internal Studies	Level Tested ppm	Comment
Philip Morris	N/A	Smoke chemistry composition from cigarettes containing menthol capsules crushed and uncrushed was evaluated.

**Neutral Red Uptake Assay (NRU)**

Internal Studies	Level Tested ppm	Comment
N/A	N/A	N/A

**AMES Assay**

Internal Studies	Level Tested ppm	Comment
N/A	N/A	N/A

**Mouse Lymphoma Assay (MLA)**

Internal Studies	Level Tested ppm	Comment
N/A	N/A	N/A

***In vivo* Micronucleus**

Internal Studies	Level Tested ppm	Comment
N/A	N/A	N/A

**Inhalation studies**

Internal Studies	Level Tested ppm	Comment
N/A	N/A	N/A

**References**

N/A