


## Simplified Notice

### MICRO Airless Dispenser – APTAR Beauty + Home

APPLICATION DESCRIPTION	<b>GENERAL INFORMATION</b>		
	Applicant	APTAR Beauty + Home	
	Application date	2018	
	Brand	MICRO Airless Dispenser	
	Market	Cosmetics - Perfumes	
	<b>DESCRIPTION OF PACKAGING</b>		
	Form	15, 20, 30, 40 and 50ml bottle / Round or oval pump	
	Colour	Variable, depending on customer requirements	
	Dimensions	Variable, depending on volume	
	Volume	15, 20, 30, 40 and 50ml	
	<b>MATERIALS</b>		
	Body	PP/PE with PP/PE airless pump	
	Closure system	PP cap	
	Label / Ink / Glue	Variable, depending on customer requirements	
	<b>RECYCLING STREAM</b>		
Stream for: HDPE-PP bottles or PE/PP/PS bottles, pots and trays or PE/PP bottles, pots and trays or PP bottles, pots and trays			

This packaging comprises a body and cap mainly made of PP with 8% PE.

The first stage of the French sorting system involves separating the different packaging during screening at sorting centres based on size. Given their size, the bottles may be discarded as rejects during this stage.

However, in view of their composition, if they pass the screening stage, the bottles may be directed by optical sorting technology to the HDPE/PP bottle stream or to one of the following streams in regions undergoing a current/future extension of the sorting guidelines:

- PE/PP/PS bottles, pots and trays
- PE/PP bottles, pots and trays
- PP bottles, pots and trays

If bottles are sent to the HDPE-PP stream, their PP content may be unwelcome if there is more than 10% PP in the stream. The PP concentration contributed by this packaging to the recycling stock in France does not significantly alter the overall PP concentration in the HDPE-PP bottle stream. Although this overall concentration does not currently disrupt the main recycling streams for HDPE-PP available in Europe, it is important to note that the maximum accepted miscibility level for PP in HDPE may be lowered to 5% or even 3% by recycling operators seeking new outlets with higher added value for which acceptable PP levels may be lower.

If the bottles are sent to the stream for PE/PP/PS bottles, pots and trays or the stream for PE/PP bottles, pots and trays, the various polymers will be secondarily sorted. In this case, the bottles will be directed to the rigid PP stream. Cotrep notes that PP packaging containing HDPE is currently recycled in the PP stream and will look at the maximum miscibility levels for HDPE in PP in the coming months. It recommends that Aptar work towards a mono-PP solution if possible.

With this in mind, given the input quantities of this packaging and the situation in terms of equipment and techniques used and available in France, the bottle and its MICRO airless pump will not disrupt recycling of HDPE and PP packaging. However, COTREP reserves the right to review its opinion if quantities of multi-material PP/PE packaging increase.

Paris, 22 / 01 /2019



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