

AEROSOL SPRAY FORMULATIONS E BOOKS



**AEROSOL
SPRAYS
FORMULATIONS
E – BOOKS**

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AEROSOL SPRAY FORMULATIONS E BOOKS



HAIR CARE

PRODUCTS

SPRAY

FORMULATIONS

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AEROSOL HAIR SPRAY

FORMULATIONS AND MANUFACTURING PROCESS

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**AEROSOL
HAIRSPRAY
PRODUCTION PROCESS – I**

NO	INGREDIENTS	CAS NUMBER	W/W
1	POLYVINYLPIRROLIDONE K 30		2
2	GLYCERINE		0.250
3	ETHYL ALCOHOL		45
4	D - PANTHENOL		0.250
5	PERFUME		0.250
6	DEINOIZED WATER		52.250
	TOTAL		100

PROCESS: Charge ethyl alcohol in the process tank. Start to mix. Add polyvinylpyrrolidone while mixing. Dissolve polyvinylpyrrolidone in the ethyl alcohol completely. Add the rest of ingredients and mix well. Continue to stir until mixture is homogenous. Homogenous is enough. Process is completed.

NOTE: For production of 500 ml aerosol spray is used 200 g above product and 270 – 275 g LPG gaseous (Propellant)

**AEROSOL
HAIRSPRAY
PRODUCTION PROCESS – 2**

NO	INGREDIENTS	CAS NUMBER	W/W
1	POLYVINYLPIRROLIDONE K 30		2.250
2	DIMETHICONE		0.250
3	GLYCERINE		0.250
4	ETHYL ALCOHOL		50
5	D - PANTHENOL		0.250
6	PERFUME		0.250
7	DEINOIZED WATER		46.750
	TOTAL		100

PROCESS: Charge ethyl alcohol in the process tank. Start to mix. Add polyvinylpyrrolidone while mixing. Dissolve polyvinylpyrrolidone in the ethyl alcohol completely. Add the rest of ingredients and mix well. Continue to stir until mixture is homogenous. Homogenous is enough. Process is completed.

NOTE: For production of 500 ml aerosol spray is used 200 g above product and 270 – 275 g LPG gaseous (Propellant)

**AEROSOL
HAIRSPRAY
PRODUCTION PROCESS – 3**

NO	INGREDIENTS	CAS NUMBER	W/W
1	POLYVINYLPIRROLIDONE K 30		2
2	ISOPROPYL ALCOHOL		45
3	PERFUME		0.150
4	DEINOIZED WATER		52.850
	TOTAL		100

PROCESS: Charge isopropyl alcohol in the process tank. Start to mix. Add polyvinylpyrrolidone while mixing. Dissolve polyvinylpyrrolidone in the isopropyl alcohol completely. Add water and perfume during constant mixing. Continue to stir until mixture is homogenous. Homogenous is enough. Process is completed.

NOTE: For production of 500 ml aerosol spray is used 200 g above product and 270 – 275 g LPG gaseous (Propellant)