

Spray Drying Application Request Form



Company Name: _____
 Address: _____
 Contact Person: _____
 Titel: _____
 Telephone: _____
 Telefax: _____
 E-mail: _____



1. Which are the application fields

	yes	no	remarks
Pharmaceuticals/Drug delivery	<input type="checkbox"/>	<input type="checkbox"/>	_____
Material/Nanotechnology	<input type="checkbox"/>	<input type="checkbox"/>	_____
Food and Feed	<input type="checkbox"/>	<input type="checkbox"/>	_____
Chemistry	<input type="checkbox"/>	<input type="checkbox"/>	_____
Agro technology	<input type="checkbox"/>	<input type="checkbox"/>	_____
others _____	<input type="checkbox"/>	<input type="checkbox"/>	_____

2. Name of substance to be dried (Chemical composition)

3. Feed characteristics

	yes	no	remarks
Solution	<input type="checkbox"/>	<input type="checkbox"/>	_____
Emulsions / Suspensions	<input type="checkbox"/>	<input type="checkbox"/>	_____
Nanodispersion	<input type="checkbox"/>	<input type="checkbox"/>	_____
...other _____			
	yes	no	
100% aqueous solutions	<input type="checkbox"/>	<input type="checkbox"/>	
100% organic solutions	<input type="checkbox"/>	<input type="checkbox"/>	
Mixtures of water/org. solvent	<input type="checkbox"/> ___% H ₂ O	<input type="checkbox"/>	
Solvent type	_____		



Viscosity _____

Feed solids concentration (w%) _____

If nanosuspension, primary particle size (nm) _____

Is the substance heat sensitive? yes no

Maximum temperature without degradation (°C) _____

Oxygen sensitive yes no

4. Final product characteristics

Particle size (µm) < 1 2-5 5-10 10-25 > 25

Max. moisture content in final product (%) _____

Desired particle form (agglomerate, granulate) _____

Desired morphology (spherical, etc.) _____

5. Aspects of health and safety

Is the product considered to be hazardous, because it is toxic, carcinogenic, mutagenic, corrosive, irritant, oxidant, unstable (reactive) ?

yes no

Remarks: _____

Please attached material safety data sheets (MSDS)!

Date: _____ Name: _____

Signature: _____

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