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## **Bacterial-based additives for the production of artificial snow: What are the risks to human health?**

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## Tables

Table I

Exposure scenarios and types of persons concerned

Exposure scenario	Type of person exposed
During mixture preparation in the tank	Snowmaker
During cleaning of the mixing equipment	Snowmaker
To the artificial snow plume	Adult and child skiers
	All staff
To artificial snow on the ground	Adult and child skiers
	All staff

Table II

Human health risks relating to exposure to artificial snow

<i>Exposure</i>						
<b>Type of person</b>		Mixture preparation	Diluted product	Cleaning mixing equipment	Snow plume	Snow on ground
Snowmakers with PPE		Negligible to low	Negligible	Negligible	Negligible to low	Nil
Snowmakers without PPE		Low to moderate	Low	Low to moderate		Nil
Slope managers, slope safety officers, ski instructors, rescue workers		na	na	na	Nil to negligible	Nil
Snow grooming machine drivers, ski lift operators		na	na	na	Nil	Nil
Child skiers		na	na	na	Nil to negligible	Negligible
					Nil	

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Adult skiers	na	na	na	to	Nil
				negligible	

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na: not affected