

**RISK ASSESSMENT (HACCP) - HFFS & ROTARY
POUCH BAGGER**

(1) Raw Materials or Process Steps	(2) Identified Hazards	(3) Risk Assessment		(4) Is this a significant hazard? (Yes / No)	Controlled at	
		Likelihood	Severity		(5) Prerequisite Programs	(6) Process Steps IS THIS STEP A CCP?
Allergen Ingredient Receiving	Biological - Salmonella/Bacteria	No	No	No	• COAs/LOG (P 2.3.2)	No
	Chemical - Shipped on Truck with Chemicals/ Undeclared Allergens	No	No	No	• Segregation (P 11.6.1 & .3) • Truck Inspection (P 11.6.5) • Allergen Program (P 2.8.1)	No
	Physical - Foreign Material (Metal, Wood, Plastic, Stones)	No	No	No	• Approved Supplier Program (P 2.3.4) • Truck Inspection (P 11.6.5)	No
Allergen Ingredient Storage	Biological - Salmonella/Bacteria	No	No	No	• Pallet Rotation • SSOPs (P 11.2.5) • Pest Control (P 11.2.4) • EM Program (P 2.4.8)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Allergen Program (P 2.8.1) • Segregation (P 11.6.1 & .3)	No
	Physical - Foreign Material (Wood, Plastic, Stones)	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • Visual Inspection	No
Ambient Ingredient Receiving	Biological - Salmonella/Bacteria	No	No	No	• COAs/LOG (P 2.3.2)	No
	Chemical - Shipped on Truck with Chemicals/ Undeclared Allergens	No	No	No	• Segregation (P 11.6.1 & .3) • Truck Inspection (P 11.6.5) • Allergen Program (P 2.8.1)	No
	Physical - Foreign Material (Metal, Wood, Plastic, Stones)	No	No	No	• Approved Supplier Program (P 2.3.4) • Truck Inspection (P 11.6.5)	No
Ambient Ingredient Storage	Biological- Salmonella/Bacteria	No	No	No	• Pallet Rotation • SSOPs (P 11.2.5) • Pest Control (P 11.2.4) • EM Program (P 2.4.8)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Allergen Program (P 2.8.1) • Segregation (P 11.6.1 & .3)	No
	Physical - Foreign Material (Wood, Plastic, Stones)	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • Visual Inspection	No

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Packaging Receiving	Biological - Microorganisms	No	No	No	• COAs/LOG (P 2.3.2)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	• Segregation (P 11.6.1 & .3) • Truck Inspection (P 11.6.5) • Packaging Review • Allergen Program (P 2.8.1) • LOG (P 2.3.2)	No
	Physical - Foreign Matter	No	No	No	• Approved Supplier Program (P 2.3.4) • Truck Inspection (P 11.6.5)	No
Packaging Storage	Biological - Microorganisms	No	No	No	• Pallet Rotation • SSOPs (P 11.2.5) • Pest Control (P 11.2.4) • EM Program (P 2.4.8)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Allergen Program (P 2.8.1) • Segregation (P 11.6.1 & .3)	No
	Physical - Foreign Material (Metal, Paper, Stones)	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • Visual Inspection	No
Receive Labels	Biological - None					
	Chemical - Undeclared Allergens	No	No	No	• Label Review • Allergen Program (P 2.8.1)	No
	Physical - Foreign Matter	No	No	No	• Visual Inspection	No
Store Labels	Biological - None					
	Chemical - None					
	Physical - Foreign Matter	No	No	No	• Visual Inspection	No
Weigh Ingredients/ Stage Packaging	Biological - Salmonella/Bacteria	No	No	No	• SSOPs (P 11.2.5) • Allergen Program (P 2.8.1) • EM Program (P 2.4.8)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Allergen Program (P 2.8.1) • Segregation (P 11.6.1 & .3) • GMPs (P 2.4.2)	No
	Physical - Foreign Material (Metal, Paper, Stones)	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • Visual Inspection	No
Waste (This occurs several times throughout the process but is only on this Risk Assessment once where waste is first introduced. Refer to the Flow Diagram.)	Biological - None					
	Chemical - None					
	Physical - None					
WIP	Biological - None					
	Chemical - None					
	Physical - None					
Sifting	Biological - None					
	Chemical - None					

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	Physical - Foreign Material (Metal, Paper, Stones)	No	No	No	Screens are used to make sure no foreign material gets in the blender. They are checked daily and recorded. (P 11.7.4)	No
Blending	Biological - Salmonella/Bacteria	No	No	No	- SSOPs (P 11.2.5) - GMPs (P 2.4.2) - EM Program (P 2.4.8) - ATP Swabbing (P 11.2.5)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	- SSOPs (P 11.2.5) - Chemical Control (P 11.2.5) - Allergen Swabbing/Allergen Program (P 2.8.1)	No
	Physical - Foreign Material (Metal, Paper, Stones)	No	No	No	- Use of Screens at Previous Step (P 11.7.4) - Visual Inspection	No
Magnet	Biological - Salmonella/Bacteria	No	No	No	- SSOPs (P 11.2.5) - GMPs (P 2.4.2) - EM Program (P 2.4.8) - ATP Swabbing (P 11.2.5)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	- SSOPs (P 11.2.5) - Chemical Control (P 11.2.5) - Allergen Swabbing/Allergen Program (P 2.8.1)	No
	Physical - Foreign Matter (Metal)	No	No	No	Visual Inspection/Cleaning of Magnet (P 11.7.4)	No
Put Into Tote Bags/Barrels	Biological - None					
	Chemical - None					
	Physical - None					
Customer Supplied Bulk Product Receiving	Biological - Microorganisms	No	No	No	COAs/LOG (P 2.3.2)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	- Segregation (P 11.6.1 & .3) - Truck Inspection (P 11.6.5) - Allergen Program (P 2.8.1)	No
	Physical - Foreign Matter	No	No	No	- Approved Supplier Program (P 2.3.4) - SSOPs (P 11.2.5) - Truck Inspection (P 11.6.5)	No
Customer Supplied Bulk Product Storage	Biological - Microorganisms	No	No	No	- Pallet Rotation - SSOPs (P 11.2.5) - Pest Control (P 11.2.4) - EM Program (P 2.4.8)	No
	Chemical - Chemical Contamination/ Undeclared Allergens	No	No	No	- SSOPs (P 11.2.5) - Allergen Program (P 2.8.1) - Segregation (P 11.6.1 & .3)	No
	Physical - Foreign Matter	No	No	No	- SSOPs (P 11.2.5) - GMPs (P 2.4.2) - Visual Inspection	No
Magnet	Biological - Salmonella/Bacteria	No	No	No	- SSOPs (P 11.2.5) - GMPs (P 2.4.2)	No

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					• EM Program (P 2.4.8) • ATP Swabbing (P 11.2.5)	
	Chemical - Chemical Contamination/Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Chemical Control (P 11.2.5) • Allergen Swabbing/Allergen Program (P 2.8.1)	No
	Physical - Foreign Matter (Metal)	No	No	No	• Visual Inspection/Cleaning of Magnet (P 11.7.4)	No
Hopper	Biological - Salmonella/Bacteria	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • EM Program (P 2.4.8) • ATP Swabbing (P 11.2.5)	No
	Chemical - Chemical Contamination/Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Chemical Control (P 11.2.5) • Allergen Swabbing/Allergen Program (P 2.8.1)	No
	Physical - Foreign Material (Metal, Paper, Stones)	No	No	No	• Visual Inspection/Cleaning of Magnet (P 11.7.4)	No
Auger	Biological - Salmonella/Bacteria	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • EM Program (P 2.4.8) • ATP Swabbing (P 11.2.5)	No
	Chemical - Chemical Contamination/Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Chemical Control (P 11.2.5) • Allergen Swabbing/Allergen Program (P 2.8.1)	No
	Physical - Foreign Material (Metal)	No	No	No	• Use of a Magnet at a Previous Step (P 11.7.4) • Metal Detection in a Subsequent Step (P 11.7.4)	No
Filler	Biological - Salmonella/Bacteria	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • EM Program (P 2.4.8) • ATP Swabbing (P 11.2.5)	No
	Chemical - Chemical Contamination/Undeclared Allergens	No	No	No	• SSOPs (P 11.2.5) • Chemical Control (P 11.2.5) • Allergen Swabbing/Allergen Program (P 2.8.1)	No
	Physical - Foreign Material (Metal)	No	No	No	• Metal Detection in a Subsequent Step (P 11.7.4)	No
Containerize/Bags	Biological - None					
	Chemical - Undeclared Allergens	No	No	No	• Packaging Review • Allergen Program (P 2.8.1)	No
	Physical - Foreign Material (Metal)	No	No	No	• Metal Detection in a Subsequent Step (P 11.7.4)	No
Seal	Biological - None					
	Chemical - None					
	Physical - None					
Weights	Biological - None					

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	Chemical - None					
	Physical - None					
WIP	Biological - None					
	Chemical - None					
	Physical - None					
Metal Detector	Biological - None					
	Chemical - None					
	Physical - Foreign Material (Metal)	Yes	Yes	Yes	• Metal Detection to Detect Metal (P 11.7.6)	Yes - CCP
Case	Biological - None					
	Chemical - None					
	Physical - None					
Label	Biological - None					
	Chemical - Undeclared Allergens	No	No	No	• Label & Packaging Review • Allergen Program (P 2.8.1)	No
	Physical - None					
Palletize	Biological - None					
	Chemical - None					
	Physical - None					
Finished Product Storage	Biological - Salmonella/Bacteria	No	No	No	• Pallet Rotation • SSOPs (P 11.2.5) • Pest Control (P 11.2.4) • EM Program (P 2.4.8)	No
	Chemical - Chemical Contamination/ Allergens	No	No	No	• SSOPs (P 11.2.5) • Allergen Program (P 2.8.1) • Segregation (P 11.6.1 & .3)	No
	Physical - Foreign Material (Metal, Paper, Stones)	No	No	No	• SSOPs (P 11.2.5) • GMPs (P 2.4.2) • Visual Inspection	No
Distribution	Biological - None					
	Chemical - Shipped on Truck with Chemicals/ Undeclared Allergens	No	No	No	• Truck Inspection (P 11.6.5)	No
	Physical - Foreign Material (Metal, Wood, Plastic, Stones)	No	No	No	• Truck Inspection (P 11.6.5)	No