

# teubes

**RISK ASSESSMENT HACCP STUDY TABLE QMP 7.5**  
**Risk Assessment Evaluation: Model Adopted-HACCP. (etq) by Tim Lozier**

**SEVERITY (Effect)**

1. Fatality
2. Serious Sickness
3. Product recall
4. Customer call
5. Not significant

**PROBABILITY**

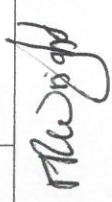
- A. Common Repeating
- B. Known to Occur
- C. Could Occur (published)
- D. Not expected
- E. Practically impossible

Probability Severity	A	B	C	D	E
1.	1	2	4	7	11
2.	3	5	8	12	16
3.	6	9	13	17	20
4.	10	14	18	21	23
5.	15	19	22	24	25

<b>RISK ASSESSMENT HACCP STUDY TABLE-RAW MATERIALS</b>	<b>Rev. 01</b>	<b>Doc No. RSRM.13.04.19</b>	<b>Reference: Tim Lozier</b>
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Approved by 

Dated 12/10/20



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No	Process step	Hazard	Cause/ description	Acceptable Level	Control Measures Who, What, When, How and Record)	Risk levels
1	Receiving of Raw materials	Biological	Xerophilies Not expected to Occur	None	Based in Micro history and product characteristics	D5=24 PRP
1		Chemicals	Pesticides residues from supplier	Based on customers Specification	Send batch sample to HK independent lab and wait for results before blending  Further testing acid to eliminate AR especially on citrus if results shows high count- sample kept for 3 months <b>Worse case if all fails product is allocate to a less risk process</b>	B3=9 Decision tree  Results OPRP

RISK ASSESSMENT HACCP STUDY TABLE-RAW  
MATERIALS

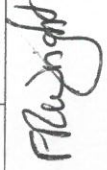
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1	Physical	Wood pieces, Sand, water on the drums and drum liner inside the drums	Storage is outside on the wooden drums Peeling of the drum liner	<b>(Fragrances)</b> Inspect and clean all the drums Cleaning of the drums before Opening, Filtering of material prior production	B4=14 PRP
2	Biological	Microbial formation of Yeast and moulds and environment due to poor storage  Introduced during water rinse of siphoning pump	None	Cleaning of the pipe Ensuring closed doors and windows	C4=18 PRP

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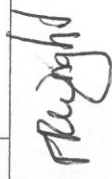
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2	Chemical	Chemical residues Introduced during Ethanol rinse of the siphoning pump	None	Cleaning check list and procedure of water flashes to ensure proper Ethanol rinse	C5=22 PRP
2	Physical	Plastic from pump, metal pieces from mechanical pump	None	Visual inspection of the pump and record broken pieces and chipped pumps Control register	B4=14 PRP
2.1	Biological	Microbial formation of Yeast and moulds and environment due to poor storage	None	Cleaning of the funnel holder with ethanol and dry properly Ensuring closed doors and windows	B=4C=14 PRP
	Chemical	Chemical residues	None	Ensure proper drying and no	C5=22 PRP

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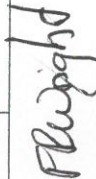
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			Introduced during Ethanol rinse of the funnel holders		Ethanol dripping that can get into the drum	
	Physical		Plastic chipped That could end up in the final product	None	Proper inspection before decanting into the container	D4=21 PRP
3	Biological	Pumping of product into blending tank	Microbial- caused by Yeast and moulds in the plastic pump tubing  Micro results=proof no growth	None	Inspection of the pump before use  Proper cleaning and storage of this tubing	C4=18 PRP
3	Chemicals		Chemical residues Introduced during Ethanol rinse of the siphoning pump	None	Cleaning of the pipe and ensure that it's hanging free from the floor	D4=21 PRP

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					Ensuring closed doors and windows	
3	Physical	Plastic chipped That could end up in the final product	None		Always inspect the pump every shift	B4=14 PRP
4	Biological Spinning Homogenous	None based on Product Characteristics	None	None		None
	Chemical	Solvent residues Lubricants of the motor of the mixing tank	None		Water spraying cleaning and inspection before production Food grade lubricants is used MSDS	B4=14 PRP
	Physical	Rubber and pieces of seals, metal pieces from stirrer	None		Seal and stirrer inspection before production	B4=14 PRP

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5	Settling	Biological	None based on Product Characteristics	None	None	None
		Chemical	Solvent residues Lubricants of the motor in the mixing tank		Water spraying cleaning and inspection before production  Food grade lubricants is used MSDS	
		Physical	Rubber and pieces of seals, metal pieces from stirrer	None	Seal and stirrer inspection before production	B4=14
6	Decanting	Biological	Microbial- caused by yeast and mould in the tubing	None	Inspection of the pump before use  Proper cleaning and storage of this tubing	C4=18

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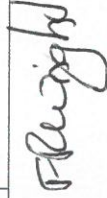
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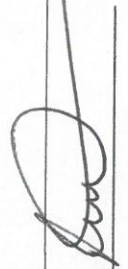
6	Decanting	Chemical	Solvent residues Lubricants of the motor in the mixing tank	None	Use Food Grade Lubricants-MSDS	B4=14 PRP
		Physical	Rubber and pieces of seals, metal pieces from stirrer	None	Filtration during decanting Use Filter bags Inspect and if not satisfactory use filtering paper	B4=14 PRP
7	Storage	Biological	None based on Product Characteristics	None	None	None
		Chemical	Cross contamination between products	None	Ensure proper pelleting and product demarcation	B4=14

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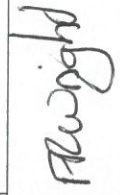
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7	Physical	Due to open outside storage Dust, water and bird droppings	None	Cleaning of drums before loading in the truck for delivery/collection Vehicle Checklist	B4=14 PRP
8	Biological	None based on Product Characteristics	None	None	None
	Chemical	Cross contamination between products	None	Ensure proper pelleting and product demarcation	B4=14
	Physical	Due to open outside storage Dust, water and bird droppings	None	Cleaning of drums before loading in the truck for delivery/collection Vehicle Checklist	B4=14 PRP


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