



# Chemical Risk Assessment Form

conducted for

## Burplux Soda Company

**Location**

Baltimore, MD

**Conducted on**

04 Jan 2019 01:59 PM

**Prepared by**

James Collander

**Completed on**

04 Jan 2019 02:32 PM

**Score**

0/2.0 - 0.00%

## Failed Responses

This section lists responses that were set as "failed responses" in the template used for this audit

Question	Response	Details
Is the exposure adequately controlled?	No	Some containers do not have covers even if they are not being accessed.
Is the exposure adequately controlled?	No	Some phosphoric acid batches are stored in used glycerol containers with incorrect labeling.

## Actions

#1. Remind workers to cover all chemical containers that are not being used.  
Reinforce practice.


Assignee: jordanmichaels@skidneyboops.com  
Priority: HIGH  
Due Date: 04 Jan 2019 05:00 PM  
Audit: Burplux Soda Company / James Collander / 4 Jan 2019  
Linked to item: Photos of identified hazards and annotations.  
Status: To Do

---



#2. Phosphoric acid must be stored in their original containers, and should not be mixed up with the glycerol containers.

Assignee: jordanmichaels@skidneyboops.com  
Priority: HIGH  
Due Date: 04 Jan 2019 05:00 PM  
Audit: Burplux Soda Company / James Collander / 4 Jan 2019  
Linked to item: Prevention of Hazards  
Status: To Do

## Audit - 0/2 0.00%

Question	Response	Details
<b>Hazard Identification</b>		Score (0/2) 0.00%
Add chemical in use		
Chemical 1		
	Glycerol	
State/Figure	Liquid	
What is this used for?	Artificial Sweetener	
Location of the process or work where the chemical is used	Production floor	
People at Risk	Employees	
Hazard	Flammable , Harmful, Serious eye irritation	
Indicate below which route(s) of exposure the substance takes	Eyes, Ingestion, Skin	
List the risks to health below from exposure to the substance	May cause eye irritation. allergic skin reaction, slipping if spilled on the floor, can be poisonous when large amounts are ingested.	
<b>Containment and Disposal</b>		
Containment measure and disposal method	Some containers do not have covers even if they are not being accessed. Small amounts are disposed of in sinks.	
<b>Prevention of Hazards</b>		
Prevention of Hazards	Workers wear safety goggles, gloves and protective clothing. However, some containers are exposed and chemical materials are exposed.	
Photos of identified hazards and annotations.		
 <p style="text-align: center;">Appendix 1</p>		

Question	Response	Details
<b>Risk Rating</b>		Score (0/1) 0.00%
Is the exposure adequately controlled?	No	Some containers do not have covers even if they are not being accessed.
Risk rating after following control measures	HIGH	
<b>Recommendations</b>		
Recommendations	Production managers should be strict with regards to exposed chemicals. All containers must be covered when not in use.	
Chemical 2		
	Phosphoric Acid	
State/Figure	Liquid	
What is this used for?	Food additive for flavor	
Location of the process or work where the chemical is used	Production floor	
People at Risk	Employees	
Hazard	Acute Toxicity, Corrosive, Serious eye irritation	
Indicate below which route(s) of exposure the substance takes	Eyes, Ingestion, Skin	
List the risks to health below from exposure to the substance	Harmful if swallowed in large amounts. Causes severe skin burns and eye damage.	
<b>Containment and Disposal</b>		
Containment measure and disposal method	Some phosphoric acid batches are stored in used glycerol containers with incorrect labeling. Acid is usually diluted before disposal.	
<b>Prevention of Hazards</b>		
Prevention of Hazards	Protective gear for eyes, skin, and face are worn by workers. Some phosphoric acid batches are stored in used glycerol containers with incorrect labeling.	

Question	Response	Details	
<p>Photos of identified hazards and annotations.</p>  <p>Appendix 2</p>			
<b>Risk Rating</b>		Score (0/1) 0.00%	
Is the exposure adequately controlled?	No	Some phosphoric acid batches are stored in used glycerol containers with incorrect labeling.	
Risk rating after following control measures	HIGH		
<b>Recommendations</b>			
Recommendations	Phosphoric acid must be kept in its original container with proper labeling. Incorrect labeling can cause chemical mix-ups and accidents.		
<b>Completion</b>			
Full Name and Signature of the Inspector	James Collander	04 Jan 2019 02:00 PM	

# Media



Appendix 1



Appendix 2