



Chemical Risk Assessment Form

Burplux Soda Company / James Collander / 4 Jan 2019

Complete

Score	0 / 2 (0%)	Flagged items	2	Actions	0
Client / Site	Burplux Soda Company				
Location	Baltimore, MD				
Conducted on	4 Jan 2019 13:59 PST				
Prepared by	James Collander				

Flagged items

2 flagged

Audit / Hazard Identification / Add chemical in use / Add chemical in use 1 / Risk Rating

Is the exposure adequately controlled?

No

Some containers do not have covers even if they are not being accessed.

Audit / Hazard Identification / Add chemical in use / Add chemical in use 2 / Risk Rating

Is the exposure adequately controlled?

No

Some phosphoric acid batches are stored in used glycerol containers with incorrect labeling.

Audit	2 flagged, 0 / 2 (0%)
Hazard Identification	2 flagged, 0 / 2 (0%)
Add chemical in use	2 flagged, 0 / 2 (0%)
Add chemical in use 1	1 flagged, 0 / 1 (0%)

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

Harmful	Serious eye irritation	Flammable
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Indicate below which route(s) of exposure the substance takes

Skin	Eyes	Ingestion
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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.

Containment and Disposal

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.

Prevention of Hazards

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.



Photo 1

Risk Rating		1 flagged, 0 / 1 (0%)
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
Recommendations		
Recommendations		
Production managers should be strict with regards to exposed chemicals. All containers must be covered when not in use.		
Add chemical in use 2		1 flagged, 0 / 1 (0%)
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		
Skin	Eyes	Ingestion
List the risks to health below from exposure to the substance		
Harmful if swallowed in large amounts. Causes severe skin burns and eye damage.		
Containment and Disposal		
Containment measure and disposal method		
Some phosphoric acid batches are stored in used glycerol containers with incorrect labeling. Acid is usually diluted before disposal.		
Prevention of Hazards		
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.		

Photos of identified hazards and annotations.



Photo 2

Risk Rating

1 flagged, 0 / 1 (0%)

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

Recommendations

Recommendations

Phosphoric acid must be kept in its original container with proper labeling. Incorrect labeling can cause chemical mix-ups and accidents.

Completion

Full Name and Signature of the Inspector

James Collander
4 Jan 2019 14:00 PST

Media summary



Photo 1



Photo 2