



# COSHH Risk Assessment No:

CircoFlush PE5

Farm.....

Work Area: Parlour

### Describe the activity or work process.

*(Include how long and how often this is carried out and the quantity of substance used)*

Description of how used on farm:- Closed systems cleaning and disinfectant

### Location of process being carried out?

Dairy/Parlour

### Identify the persons at risk:

Employees   
*(including trainees)*

Contractors

Public

### Name the substance involved in the process and its manufacturer.

*(A copy of a current safety data sheet for this substance should be attached to this assessment)*

**CircoFlush PE5**

**Ingredients:** - Contains acetic acid, Periacetic acid & Hydrogen peroxide - clear liquid with pungent odour

### Classification *(state the category of danger)*



Acute toxicity Cat 1-3



Serious health hazard



Aquatic Environment



Acute toxicity (cat 4)



Flammable



Explosive



Corrosive



Oxidising



Gas under pressure

### Hazard Type



Gas



Vapour



Mist



Fume



Dust



Liquid



Solid



Other (State) .....

### Route of Exposure



Inhalation



Skin



Eyes



Ingestion



Other (State) .....

### Workplace Exposure Limits (WELs) *please indicate n/a where not applicable*

Long-term exposure level (8hrTWA):

Short-term exposure level (15 mins):

### State the Risks to Health from Identified Hazards

#### Contains Periacetic acid & Hydrogen peroxide

- **Inhalation** – Harmful by inhalation
- **Skin Contact** – Causes Severe burns to skin and mucous membranes
- **Eye Contact** – Can cause severe or permanent damage
- **Ingestion** – will lead to strong caustic effect on mouth and throat and the danger of perforation of oesophagus and stomach

**Control Measures:** (for example extraction, ventilation, training, supervision). Include special measures for vulnerable groups, such as disabled people and pregnant workers









**Engineering controls:** - Where possible use automated/closed systems and cover open containers. Transport over pipes and fill with automatic systems. Always wear PPE where there is a risk of splashing and skin contact even if changing dosing pipes as chemical is very corrosive..

**Organisational Controls:** - Train staff in safe systems of work. Store in a cool well ventilated space. Product is oxidising keep away from other acids and alkalis. Store on acid resistant floor.

Is health surveillance or monitoring required?

Yes  No

**Personal Protective Equipment (state type and standard)**

 <input type="checkbox"/>	Dust mask	 <input checked="" type="checkbox"/>	Use of Full face visor or shield is strongly recommended because of splashing.
 <input type="checkbox"/>	Respirator	 <input checked="" type="checkbox"/>	Fully fitting Safety Glasses or goggles
 <input checked="" type="checkbox"/>	Gloves	 <input checked="" type="checkbox"/>	Wear chemical resistant clothing and boots in the case where there is a risk of skin exposure or splashes any occur
 <input checked="" type="checkbox"/>	Footwear	 <input type="checkbox"/>	If using diluted product of less than 0.4% concentration then PPE should not be necessary.

**First Aid Measures**

- **Inhalation** – Remove person to fresh air and seek medical attention
- **Skin Contact** – Remove immediately any contaminated clothing. Wash skin with plenty of lukewarm water for and soap until decontaminated. Seek medical help.
- **Eye contact** – Immediately rinse eyes cautiously with lukewarm water for several minutes. Remove any contact lenses if easy to do so. Seek medical help.
- **Ingestion** - Rinse mouth. Immediately drink water. Do not induce vomiting. Seek medical help immediately.

**First Aider to wear protective clothing. Wash any contaminated clothing before reuse.**

**Storage**

Keep in original container with tight fitting lid.  
 Store in cool space with plenty of ventilation  
 Harmful to drinking water and sewerage systems if it reaches them undiluted. Use sawdust, sand, acid binders in case of spillage or plenty of water.

**Disposal of Substances & Contaminated Containers**

Hazardous Waste  Skip  Return to Depot  Return to Supplier  Other

(If Other Please State): Dispose of any waste concentrate in accordance with local regulations

Is exposure adequately controlled?

Yes  No

**What further action needs to be taken**

Action	By Who	By what date

Assessed by: M Jeal

07.10.17

