



COSHH Risk Assessment No:

Autosan Blue

Farm.....

Work Area:

Describe the activity or work process.

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

Alkaline based dairy cleaner

Description of how used on farm:-

Location of process being carried out?

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)

Autosan Blue. (Kilco)

Ingredients: - Sodium Hydroxide, Potassium hydroxide, Tetrasodium Ethylene Diamine Tetraacetate. A colourless liquid

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):

Potassium Hydroxide - 2mg/m3

Sodium Hydroxide – 2mg/m3

State the Risks to Health from Identified Hazards

Contains Potassium Hydroxide & Sodium Hydroxide.

- **Inhalation – May be shortness of breath and burning in nose and throat**
- **Skin Contact – Blistering can occur and ulcerations if not treated**
- **Eye Contact – Corneal burns can occur and permanent damage**
- **Ingestion – Corrosive burns can occur and bleeding from mouth and nose**

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 covered containers.

Organisational Controls: - Avoid direct splashes, use safe systems of work, cover containers and train staff. Avoid formation of sprays or mists. Always wear chemical resistant protective clothing and tight fitting goggles and keep eyewash or source of running water to hand. Always use in areas of good general ventilation. Do not use in a confined space. Consider occupational hygiene measures; keep away from foodstuffs and wash hands.









Diluted product – Use good general ventilation

Is health surveillance or monitoring required?

Yes

No

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/>		 <input checked="" type="checkbox"/>	Use of Full face visor or shield is strongly recommended because of splashing.
 <input checked="" type="checkbox"/>	Respiratory protection recommended to be kept available for emergencies	 <input checked="" type="checkbox"/>	Or Tight fitting goggles
 <input checked="" type="checkbox"/>	Chemical resistant gloves – such as Butyl rubber Check penetration time with manufacturer	 <input checked="" type="checkbox"/>	Wear chemical resistant clothing and boots in the case where there is a risk of skin exposure or splashes may occur
 <input checked="" type="checkbox"/>	Rubber Dairy boots	 <input type="checkbox"/>	

First Aid Measures

- **Inhalation** – Remove from exposure ensuring ones own safety and sit down or place in recovery position if unconscious and seek medical help
- **Skin Contact** –. Take off immediately any contaminated clothing and footwear if safe to do so and drench affected areas with running water for at least 10 minutes. Seek medical help.
- **Eye contact** – Immediately rinse eyes cautiously with running water for 15 minutes. Seek medical help.
- **Ingestion** - Rinse mouth. Immediately drink one glass of water and again every 10 minutes. Do not induce vomiting. Seek medical help.
- **First Aider to wear protective clothing**

Storage

Keep in original container and keep container closed. Keep away from sources of heat. Keep away from oxidising agents and strong acids.

Can have long term damage to aquatic life

Contain any spillages – use bunds and absorb into dry sand or earth etc.

Disposal of Substances & Contaminated Containers

Hazardous Waste Skip Return to Depot Return to Supplier Other

(If Other Please State): Dispose off any concentrate and packaging at certified waste handler site.

Is exposure adequately controlled?

Yes

No

What further action needs to be taken

Action	By Who	By what date

Assessed by: M Jeal

01.02.18

