



COSHH Risk Assessment No:

Evans Vanodine Dairy Hypochlorite

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 disinfectant for milk pipelines and parlour
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)

Vanodine Dairy Hypochlorite. (Evans)

Ingredients: - Sodium Hypochlorite and Sodium Chlorate - appears as a clear pale yellow 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):

State the Risks to Health from Identified Hazards

Contains Sodium Hypochlorite - Risks depends on length of exposure and concentration.

- **Inhalation** – irritation of nose, throat and airways
- **Skin Contact** – Pain and severe corrosive damage, may cause serious chemical burns to the skin
- **Eye Contact** – irritation and burning, prolonged contact can cause serious tissue damage
- **Ingestion** – May cause chemical burns in nose and throat

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 including PVC gauntlets and a full-face visor or shield is recommended or tight fitting goggles and keep eyewash or source of running water to hand. Always use in areas of good general ventilation. 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.
Dust mask			Visor		
	<input type="checkbox"/>			<input checked="" type="checkbox"/>	Or Tight fitting goggles
Respirator			Goggles		
	<input checked="" type="checkbox"/>	Chemical resistant gloves – such as PVC Check penetration time with manufacturer		<input type="checkbox"/>	Wear chemical resistant clothing and boots in the case where there is a risk of skin exposure or splashes may occur
Gloves			Overalls		
	<input checked="" type="checkbox"/>	Rubber Dairy boots		<input type="checkbox"/>	
Footwear			Other		

First Aid Measures

- **Inhalation** – Unlikely route of exposure, if spray /mist has been inhaled remove to fresh air and keep comfortable and warm and sitting – Seek medical help.
- **Skin Contact** – Wash with plenty of water. Seek medical help if symptoms develop.
- **Eye contact** – Immediately rinse eyes with running water for 15 minutes. Remove contact lenses if possible. Continue to flush with water and seek medical help.
- **Ingestion** - Rinse mouth. Immediately drink one glass of water. Do not induce vomiting. Seek medical help immediately.
- **First Aider to wear protective clothing**

Storage

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

Can have long term damage to aquatic life

Small spillages – flush away with lots of water. Large 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

