



COSHH Risk Assessment No:

Deosan Acidophy

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)

Industrial cleaner and disinfectant
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)

Deosan Acidophy. (Diversey)

Ingredients: - Nitric Acid, Phosphoric acid

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):

Phosphoric Acid – 1mg/m3

Short-term exposure level (15 mins):

Phosphoric Acid - 2mg/m3

Nitric Acid – 2.6mg/m3

State the Risks to Health from Identified Hazards

Contains Nitric Acid.

- **Inhalation – Corrosive to respiratory tract**
- **Skin Contact – Causes Severe burns**
- **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 covered containers. If the product is diluted using specific dosing systems with no risk of splashes or direct skin contact then PPE is not required.

Diluted liquid concentration no greater than 10% PPE in the form of goggles and gloves still required.









Organisational Controls: - Avoid direct splashes, use safe systems of work, cover containers and train staff. Ensure good hygiene. Keep Eye wash solutions in the vicinity.

Diluted product – Use good general ventilation

Is health surveillance or monitoring required?

Yes No

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/>	Not normally required but avoid breathing in aerosols	 <input checked="" type="checkbox"/>	Use of Full face visor or shield is strongly recommended because of splashing.
 <input type="checkbox"/>		 <input checked="" type="checkbox"/>	Safety Glasses or 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 any occur
 <input checked="" type="checkbox"/>	Rubber Dairy boots	 <input type="checkbox"/>	

First Aid Measures

- **Inhalation** – remove to fresh air and keep comfortable, seek medical attention
- **Skin Contact** – Wash skin with plenty of lukewarm water for 30 mins. Take off immediately any contaminated clothing and wash before re use. Seek medical attention
- **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 one glass of water. Do not induce vomiting. Seek medical help.

First Aider to wear protective clothing

Storage

Keep in original container and keep container closed. Consider occupational hygiene measures, keep away from food stuffs and wash hands.

Contain any spillages – use sand, inert spillage granules etc. Do not allow to enter sewage systems

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

