



# COSHH Risk Assessment No:

Deosan D60

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)*

Closed systems cleaning 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 D60 AG305**

**Ingredients:** - Contains Sodium hydroxide, Sodium carbonate, sodium dichloroisocyanurate, dihydrate

### 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):

**Sodium Hydroxide - 2mg/m3**

### State the Risks to Health from Identified Hazards

**Contains sodium hydroxide (Sodium Hydroxide).**

- **Inhalation – Corrosive to respiratory tract. May cause Bronchospasms in chlorine sensitive individuals**
- **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 cover open containers. Transport over pipes and fill with automatic systems. If the product is diluted using specific dosing systems with no risk of splashes or direct skin contact then PPE is not required.

**Organisational Controls:** - Train staff in safe systems of work









**Diluted product** – Use good general ventilation

Is health surveillance or monitoring required?

Yes

No

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

 <input checked="" type="checkbox"/>	Dust mask	If exposure to dust, liquid particles or splashes cannot be avoided use a half face mask with particulate filter P2	 <input checked="" type="checkbox"/>	Visor	Use of Full face visor or shield is strongly recommended because of splashing.
 <input type="checkbox"/>	Respirator		 <input checked="" type="checkbox"/>	Goggles	Safety Glasses or goggles
 <input checked="" type="checkbox"/>	Gloves	Chemical resistant gloves – such as Butyl rubber Check penetration time with manufacturer	 <input checked="" type="checkbox"/>	Overalls	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"/>	Footwear	Rubber Dairy boots	 <input type="checkbox"/>	Other	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** – Wash skin with plenty of lukewarm water for 30 mins. Take off immediately any contaminated clothing and wash before re use. 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 one glass of water. Do not induce vomiting. Seek medical help.

**First Aider to wear protective clothing**

**Storage**

Keep in original container and keep closed – do not breath dust.  
Contact with acids can lead to liberation of toxic chlorine gas – Do not mix  
Very toxic to aquatic life  
Contain any spillages

**Disposal of Substances & Contaminated Containers**

Hazardous Waste  Skip  Return to Depot  Return to Supplier  Other

(If Other Please State): Dispose of any waste concentrate 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

07.04.17

