

Safety Data Sheet

Mueller Detergent

1 PRODUCT AND COMPANY SPECIFICATION

| | |
|------------------------|--|
| Trade Name | Mueller Detergent |
| Product Type | Caustic Chlorinated Sanitiser |
| Manufacturer/Supplier | Mueller Pasteurisers Ltd |
| Address | Smiths Road Charleville Co. Cork |
| Phone/Fax No. | 063 89637 |
| Emergency Phone Number | IN AN EMERGENCY DIAL 999 |

2 COMPOSITION/INFORMATION ON THE COMPONENTS

| | |
|-----------------|--|
| Chemical Nature | Stabilised blend of Sodium Hypochlorite / Caustic Soda |
|-----------------|--|

3 HAZARD IDENTIFICATION

| | |
|-----------------------------|--|
| Main Hazard | Corrosive – Can cause severe burning. Contact with acids liberates toxic gas (Chlorine). Liberates oxygen on heating |
| Health Effects - Eyes | Contact with eyes can cause severe damage |
| Health Effects - Skin | Material will cause chemical burns |
| Health Effects - Ingestion | Causes severe damage to mucous membranes or deeper tissues |
| Health Effects - Inhalation | Concentrated mist may cause damage to the upper respiratory tract |

4 FIRST AID MEASURES

| | |
|------------------------|--|
| First Aid - Eyes | Immediately flood the eye with plenty of water for at least 15 minutes |
| First Aid - Skin | Immediately flood the skin with large quantities of water, preferably under a shower. Continue washing for at least 10 minutes. Remove contaminated clothing as washing proceeds |
| First Aid - Ingestion | Wash out mouth with water. DO NOT induce vomiting. Seek medical advice immediately and show this document. |
| First Aid - Inhalation | Remove from exposure. Obtain medical attention urgently |

Safety Data Sheet

Mueller Detergent

5 FIRE FIGHTING MEASURES

| | |
|---|---|
| Extinguishing Media | Use water spray, foam, dry chemical or carbon dioxide. |
| Protective Equipment for Fire- Fighting | Use water spray to keep containers cool Fire fighters require the necessary personal protective equipment for corrosive chemicals. Wear self contained breathing apparatus |
| Hazardous Combustion Products | Oxygen and Chlorine |

6 ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------|---|
| Personal Precautions | Wear appropriate protective clothing. Material will create a hazardous environment |
| Environmental Precautions | Try to prevent the material from entering drains or water courses |
| Spillages | Small spillages may be flushed with large quantities of water. Large spillages should be collected for disposal. Contain or absorb using earth, sand (NOT sawdust) or other inert material. Finally flush area with plenty of water. |

7 HANDLING AND STORAGE

| | |
|-------------|--|
| Handling | Wear recommended personal protective equipment. DO NOT mix with other chemicals |
| Ventilation | Good general ventilation |
| Storage | Storage area should be dry, well ventilated, out of direct sunlight. Store away from sources of heat or ignition. DO NOT store above, below or next to ACIDIC products. Store in original containers. |

8 EXPOSURE CONTROL/PERSONAL PROTECTION

| Occupational Exposure Standards (OES) | Long Term | Short Term |
|---------------------------------------|--|---------------------|
| Sodium Hypochlorite | 1.5 mg/m ³ | 3 mg/m ³ |
| Caustic soda | - | 2 mg/m ³ |
| Respiratory Protection | Respiratory protection not normally required | |
| Hand Protection | PVC or rubber gloves | |
| Eye Protection | Chemical goggles or face shield | |
| Body protection | Wear PVC or other impermeable suit. PVC or rubber boots | |

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------|-------------|
| Physical State | Liquid |
| Colour | Pale yellow |

Safety Data Sheet

Mueller Detergent

- 10 STABILITY AND REACTIVITY**
Stability Stable under normal conditions
Materials to Avoid Acids, Ammonium compounds. Soft metals
Hazardous Decomposition Products Chlorine gas
- 11 TOXICOLOGICAL INFORMATION**
Acute Toxicity The constituents of this preparation are classified as non-toxic
- 12 ECOLOGICAL INFORMATION**
Persistence/Degradability This product is readily biodegradable
Bio-accumulation Product is not expected to bioaccumulate
- 13 DISPOSAL**
Product Disposal Dispose of in accordance with all applicable local and national regulations
Container Disposal Where possible, containers should be rinsed with clean water and disposed of in line with local regulations
- 14 TRANSPORT INFORMATION**
UN Number 1791
- 15 REGULATORY INFORMATION**
1988 Control of Substances Hazardous to Health Regulations
1992 Road Traffic(Carriage of Dangerous Substances in Packages etc) Regulations
1993 Chemicals (Hazards Information and Packaging) Regulations
1994 EH40/94 Occupational Exposure Limits 1994
- 16 OTHER INFORMATION**
SDS issued 01-06-2000
SDS revised 06-01-2009