



# Clemas & Co Ltd

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## Techfloor Ultra

**PRODUCT CODE: TechUltra**

### Product Description

Techfloor Ultra is a heavy duty, low foaming, alkaline floor cleaning formulation.

Techfloor Ultra is a versatile product used in conjunction with floor scrubbing equipment, and is recommended for use in a food or industrial engineering environment requiring strong formulation capable of handling a wide range of heavy duty cleaning operations.

Techfloor Ultra will cut through heavy fat and grease deposits. It may be used as a multifunctional heavy duty cleaner where rationalization of stock is important.

### **Special Features**

- **LOW FOAM**  
Improved detergent pickup, eliminating foam deposits left on floors after cleaning operations
- **HEAVY DUTY**  
Suitable for the removal of heavy deposits of oil, grease and fats encountered in an industrial or food environment
- **VERSATILE**  
Effective on a wide range of soils including oil, grease, body fats etc. Can also be used through a pressure washer in show areas and general degreasing e.g. abattoirs, food processing plants etc
- **ECONOMICAL**  
May be diluted with hot or cold water. Dilution rate dependant upon the level of soiling present on the surface to be cleaned

### Directions

Techfloor Ultra should be diluted with water before use. Suitable dilutions are a matter of experience although guidelines are given below:

Light soiling	1 part Techfloor Ultra to 80 parts water (maintenance cleaning, polish removal, restoration cleaning of vinyl floors)
Medium soiling	1 part Techfloor Ultra to 45 parts water. (Including indoor vehicle traffic, oily soils)
Heavy soiling	1 part Techfloor Ultra to 25 parts water. (Outdoor vehicle and lift truck traffic, restoration cleaning etc)

### Health and Safety

Product risk and safety phrases:

R22; harmful if swallowed

R38; irritating to the skin

R41; risk of serious damage to eyes

R35; causes severe burns

## PRODUCT SAFETY DATA SHEET

### IDENTIFICATION

**Product Name:** Techfloor Ultra  
**Product Code:** TechUltra  
**Supplier:** Clemas & Company Limited  
Unit 5 Ashchurch Business Centre  
Alexandra Way, Tewkesbury,  
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### COMPOSITION/INFORMATION INGREDIENTS

Raw Name	% W/W In Prep	Haz Class.tn
Sodium hydroxide	5.0 – 10.0%	C, R35
Non-ionic surfactant	1.0 – 5.0%	Xi, R38, 41 Non-
ionic surfactant	1.0 – 5.0%	Xn, R22, 41

### HAZARDS IDENTIFICATION

Preparation is alkaline and is irritating to eyes and skin

### FIRST AID MEASURES

#### EYE CONTACT:

Symptoms: Severe Irritation.

Treatment: Irrigate immediately and thoroughly with water (or sterile isotonic solution) for at least 10 minutes. Obtain prompt medical attention.

#### SKIN CONTACT:

Symptoms: Soreness/skin reddening

Treatment: Wash thoroughly with soap and plenty of water.

Remove contaminated clothing and wash before re-use.

Seek medical attention if adverse skin reaction occurs.

#### INHALATION:

Symptoms: Irritation to mouth, throat and trachea.

Treatment: Not applicable. Likely occurrence negligible or not possible.

#### INGESTION:

Symptoms: Nausea/discomfort

Treatment: Do not induce vomiting. Wash mouth with water. Seek immediate medical advice preferably showing data sheet or label.

### FIRE FIGHTING MEASURES:

Techfloor Ultra is non-combustible

Extinguishing media: no special requirements

Special exposure hazards: Thermal decomposition at high temperatures

Special precautions: Wear breathing apparatus

### ACCIDENTAL RELEASE:

Safety precautions: Wear appropriate personal protection gear – see exposure control

Environmental procedure: Prevent entry into drains. Protect drains by covering to avoid any spillage entering the drainage system.

Clean up procedure: Contain in confined area using sand, earth or suitable material. Neutralize with addition of acetic acid or dilute mineral acid. Wash to foul drain with large volumes of water.

**HANDLING & STORAGE:** Keep out of reach of children.

Store in a dry, well ventilated area, protected from extremes of temperatures.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear goggles or safety glasses. Wear waterproof, protective boots or shoes. Wear protective gloves nitrile). Avoid breathing mist or spray. Odium Hydroxide; 15 Minute Short Term Limit (STEL): 2 mg per cu.m.

### PHYSICAL & CHEMICAL PROPERTIES

The properties in this section are typical and may be varied or updated by Clemas to reflect changes in product design at any time.

Property	Typical Analysis
Appearance	colourless mobile liquid
Odour	bland
Relative Density	1.04
Ph Neat	13.24
Solubility	soluble

### STABILITY & REACTIVITY

Stable under normal conditions. Contact with light metal alloys can release hydrogen. Thermal decomposition will produce irritating fumes. Hazardous reactions:-with strong oxidising agents.

### TOXICOLOGICAL PROPERTIES

Eye contact will cause irritation, give rise to pain and is likely to cause ocular lesions if immediate first aid is not administered. Skin contact will cause irritation resulting in significant inflammation if not attended to. Repeated or prolonged contact could damage the skin tissue and cause severe defatting. Under such circumstances the skin is less resistant to other substances and ingestion will irritate trachea and cause pain and sickness. Prolonged exposure is likely to cause inflammation and can damage tissue. Inhalation of mist or spray will cause irritation and if severe could cause discomfort in breathing. As with all chemicals, individuals with lung disorders or breathing disorders may experience more severe reactions.

### ECOLOGICAL INFORMATION

Aquatic toxicity: Preparation is not classified as toxic to aquatic organisms

Degradability: Surfactants used comply with

Biodegradability criteria in regulation (EC) No.648/2004

Mobility: Not expected to be persistent in the environment

Bioaccumulative potential: No evidence for.

### DISPOSAL CONSIDERATIONS

Arrange removal by disposable company (use only licensed waste hauliers and disposable contractors) Refer to accidental release measures section. Rinse out empty packaging. Damage packaging to prevent re-use if disposed of via local waste)

### TRANSPORT INFORMATION

Transport Classification: Not classified.

UN number not classified

### REGULATORY INFORMATION

Irritating to the eyes and skin.

Incase of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Keep out of reach of children.

This product should be stored, handled and use in accordance with good industrial practice and in conformity with legal regulations. The information this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements are thus should not be constructed as guaranteeing specific properties. It is for the users to satisfy themselves of the suitability of this product for their own applications.