

# PFL Neutralizer & Cleaner

PFL Neutralizer & Cleaner is designed to neutralize PFL Surface Preparation and PFL Surface Prep Lite, and acts as a biodegradable cleaner on all concrete surfaces.

## 1. Description

PFL Neutralizer & Cleaner is used to neutralize the action of PFL Surface Preparation (and PFL Surface Prep Lite), to clean the surface in preparation for sealing, and for the general cleaning of concrete floors. PFL Neutralizer & Cleaner has been specially formulated to remove calcium salts and other concrete specific contaminants, those released following treatment with PFL Surface Preparation ('etching'). PFL Neutralizer & Cleaner is a highly built liquid detergent that will effectively emulsify fats and oils, and remove inorganic soils and other contaminants from concrete. PFL Neutralizer & Cleaner is biodegradable and NZFSA Approved (C31).

This product guide covers the surface preparation and application of PFL Neutralizer & Cleaner - if there is any question as to the suitability or application of this product please contact Peter Fell Ltd prior to use. Refer to the SDS for full Health and Safety information.

## 2. Precautions

PFL Neutralizer & Cleaner is a **STRONGLY ALKALINE SOLUTION** and can cause irritation with prolonged exposure - please ensure all safety guidelines are read prior to use and are strictly adhered to during application.

## 3. Equipment

- Polythene sheet or tray (placed under watering cans when diluting the surface preparation).
- Plastic watering can.
- Hose (or source of fresh clean water).
- Broom – soft bristle
- Wet and Dry Vacuum cleaner (interior floors only).
- Safety Equipment – see section '6. Personal Protective Equipment'.

## 4. Application

### Dilution:

- Dilute PFL Neutralizer & Cleaner with clean water as follows:
  - Always add PFL Neutralizer & Cleaner to water to avoid foaming.

Application	Dilution
Neutralisation of PFL Surface Preparation/Prep Lite	1 part to 20 parts water
General concrete cleaning	1 part to 20 parts water
Removal of grease or oil	1 part to 5 parts water
Treatment of extreme contamination	1 part to 2 parts water

### Application:

#### *Neutralization of PFL Surface Preparation and PFL Surface Prep Lite:*

- Dilute PFL Neutralizer & Cleaner as above in plastic watering can.
- Apply solution directly to concrete surface (over PFL Surface Preparation), distributing solution with a broom.
- Apply so solution is visible on surface and leave to dwell for a few minutes.
  - Internal - use wet and dry vacuum cleaner to remove solution.
  - External - can use hose to remove solution with excess water.
- Rinse off solution with clean water.
- Repeat rinse process until floor shows no surface bubbles when fresh water is applied - usually 2 - 3 applications.
- Following application (12 - 24 hours) a fine residue may form on the surface (residual detergent) - this must be removed with a damp cloth prior to sealing.
  - Residue will prevent correct adhesion of sealer to concrete, increasing the chance of delamination.
  - Residue will highlight marks (i.e. footprints) which may also remain after sealing.

#### *Concrete Cleaning:*

- Dilute PFL Neutralizer & Cleaner as appropriate.
  - For extreme contamination or to aid removal of fats and oils dilute PFL Surface Preparation with hot water.
- Thoroughly wet area to be cleaned with solution and brush in thoroughly with scrubbing brush or stiff broom.
- Allow to soak for as long as practical, but do not allow to dry.
- Rinse off thoroughly with clean water.
- Repeat process until contamination is removed.

### Coverage:

- Coverage is dependent on dilution rate.

### Drying Time:

- Drying time is dependent on application and site conditions.
  - Concrete must be COMPLETELY dry prior to application of any sealer

### Clean-up:

- Rinse all tools with excess clean water.

## 5. Storage and Handling

*Pack Sizes:* 1, 2, 5, 10, and 20 L units

*Handling:* Wear suitable protective clothing - see section 11. Personal Protective Equipment.

*Storage:* Store in cool, dry, well ventilated place in original container. Store out of reach of children. Store away from direct sunlight, oxidizing agents (e.g. nitrates), acids, anionic, detergents, and foodstuffs. Keep away from naked flames and other heat sources. Take precautions against static discharge. Ensure container is sealed when not in use and is checked regularly for leaks or spills. PFL Neutralizer & Cleaner can be stored for up to 12 months.

## 6. Personal Protective Equipment

- Eyes:* Wear splash-proof goggles or safety glasses. When using large quantities or where heavy contamination is likely, wear a face-shield.
- Skin:* Wear coveralls. When using large quantities or where heavy contamination is likely, wear rubber boots and a PVC apron.
- Respiratory:* Where an inhalation risk exists, wear a Class P2 (Particulate) respirator.

Refer to the SDS for full Health and Safety information.

## 7. First Aid

- Swallowed:* DO NOT induce vomiting. Give water or milk to drink. Obtain medical attention immediately. For emergency information contact the *National Poisons Centre (0800 764 766)*.
- Eyes:* Immediately flood with copious quantities of water, holding eye open if necessary, for at least 15 minutes. Seek urgent medical attention.
- Skin:* Remove contaminated clothing and shoes and wash skin thoroughly with excess water. If irritation occurs or persists, seek medical attention. Launder clothing and clean shoes before re-use.
- Inhalation:* Remove patient from exposure, keep warm and at rest. If there is respiratory distress, give oxygen and seek immediate medical attention.

Refer to the SDS for full Health and Safety information.

## 8. Physical Properties

- Appearance:* magenta liquid
- Odour:* sweet fragrant odour
- Solubility:* soluble
- pH:* 13.5
- Specific Gravity:* 1.06 kg/L

- UN Number:* 3226
- HSNO Approval:* HSR002526
- Hazchem code:* 2X
- DG Class:* 8
- Packing Group:* III

## Product Warranty

The information contained in this document is true and accurate to the best knowledge of Peter Fell Ltd. We cannot however anticipate all conditions under which this information and our products may be used. Peter Fell Ltd therefore accepts no responsibility and offers no warranty with respect to results obtained by the application of our products, their suitability, or for their safe use. Peter Fell Ltd offers our products for sale subject to, and 'The Customer' and all users are deemed to have accepted, our Terms and Condition of Trade. Peter Fell Ltd warrants our products to be free of manufacturing defects. If the product when purchased was defective and was within recommended storage life when used, Peter Fell Ltd will replace the defective product with new product without charge to the purchaser. Peter Fell Ltd makes NO OTHER WARRANTY, either expressed or implied, concerning our products.