

# Technical Bulletin

# Shogun

## Hi Performance Multi-Functional Cleaner/Degrease

### Product Description:

SHOGUN is a water based clear liquid cleaner/degreaser. Quickly dissolves heavy grease and food build up on any surface with minimum effort. SHOGUN decarbonises and de-fats in one operation. SHOGUN is described as a "Quick Break Detergent" and has been tested to break within the 20 minute parameter. Powerful synergist blend of surfactants ensures fast penetration and thorough rinsing which boosts the removal of grease and traffic film removal from any surface with minimum effort or heat without leaving a film. The formula provides SHOGUN with the strength to remove burnt on carbon and grease deposits from cast iron, steel, stainless steel, glass, enamel and ceramic surfaces. SHOGUN is Non-toxic, Non-flammable, Non-solvent and readily Biodegradable, leaves no odours and has no fumes.

### Application:

Use SHOGUN to effectively clean ovens, grill plates, fry pans, rotisseries, cook tops and deep fryers, take bugs bug off motor vehicles, clean alloy rims, car and truck shampoo, engine degreaser, and a bench, floor and tile cleaner.

#### Oven and Hot Plate

Warm oven or hot plate, then switch off. Spray side walls of oven first, then top and bottom. Allow to work for 5 to 10 minutes on warm surfaces or 20 minutes on cold surfaces. Wipe off with damp cloth, sponge or paper towel. DO NOT spray on electrical connections.

#### Vehicles including Aircraft, Trucks, Coaches

To engine degrease, debug and clean alloy rims spray Shogun 1:10. Allow to work for 5 to 10 minutes on warm surfaces or 20 minutes on cold surfaces. Rinse off with hose with pressure of high pressure hose.

To use as a car –truck shampoo to effectively remove traffic film mix at 1:40 in warm water, brush or sponge vehicle surface in a shaded area and then rinse starting at the bottom of the vehicle first then the top.

#### Bench, Floor and Tile Cleaner

Shogun can be diluted with water up to 1:60 in warm water, applied by brush, mop, swab or spray and allowed to remain for a 5-10 minutes. The surface may then be rinsed or wiped cleaned. For heavier soils a more concentrated solution is needed and a longer contact time should be allowed.

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## Food Safety Statement:

With regard to the use of this product as a cleaner and / or sanitiser that may have incidental contact with food:

- 1) The raw materials / ingredients of this product are permitted as processing aids as listed under clause 12 of the Food Standard Code 1.3.3 (Food Standards Australia New Zealand FSANZ) or Are Generally Regarded As Safe (GRAS) according to the US Food and Drug Administration (FDA) or are recognised in the US Code of Federal Regulations (CFR) Title 21 part 178 as indirect food additives.

When used in accordance with the directions described in this product technical bulletin, this product complies with these recognised food safety parameters.

|              |  |
|--------------|--|
| TYPE         | Water based degreaser                          |
| COLOUR       | Clear  |
| ODOUR        | Odourless                                      |
| pH           | 11.0-11.5 neat (at 1:20 pH 8.0)                |
| FLAMMABILITY | Non flammable                                  |
| TOXICITY     | Non-toxic                                      |
| COMPOSITION  | Alkaline salts, synergist blend of surfactants |

**SHELF LIFE:** As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material. **Page 2 of 2**

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