



## Product Application Sheet – TRIPLE 7 HEAVY DUTY

TRIPLE 7 Heavy Duty is a unique blend of natural seed esters and oleo alcohols which when combined, create a powerful cleaning agent. The TRIPLE 7 Heavy Duty liquid formulation contains a powerful surfactant system and a botanical based solvent which gives you the benefit of solvency power, when cleaning.

TRIPLE 7 Heavy Duty's water-based formulation removes food and beverage soils, oils and lubricants, blood, fats, mould and mildew without reacting or damaging the treated surface.

Most importantly, TRIPLE 7 Heavy Duty has no special handling or storage requirements and the product is environmentally responsible.

### **TRIPLE 7 Heavy Duty is free of:**

- > Petroleum distillates
- > Builders or reagents
- > Glycol ethers
- > Volatile organic compounds (VOC's)
- > Terpenes
- > Caustics.
- > Synthetics

### **TRIPLE 7 Heavy Duty is:**

- > Readily biodegradable
- > Non-carcinogenic
- > Non-toxic
- > Derived from renewable resources
- > Non-flammable
- > Safe to use, store and dispose of.

### **BENEFITS:**

- > Adds extra solvency power to cleaning
- > Cleans hard to clean surfaces
- > Non corrosive to equipment & machinery
- > Suitable for use in food processing areas
- > Maintains the natural balance of ecosystems
- > Organic listed
- > No special storage requirements
- > Highly concentrated
- > Readily biodegradable
- > Cleans and deodorises
- > Suitable for use in confined spaces
- > Cleans pipework systems
- > Maintains flow rates.

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## APPLICATIONS

### Automotive

For truck wheels, extremely dirty engines and undercarriages, mix a 50% solution of TRIPLE 7 Heavy Duty. Spray on, allow to stand for 5 minutes then rinse with clear, high-pressure water. For tyre walls, apply a 10 - 30% solution of TRIPLE 7 Heavy Duty, agitate with a sniff brush then rinse.

### Degreasing

TRIPLE 7 Heavy Duty is an effective degreaser for swab, spray or soak tank applications on painted or unpainted surfaces and ferrous or non-ferrous metals.

For medium to large applications, apply TRIPLE 7 Heavy Duty with a sprayer (use in concentrated form for heavy build-up). Let stand for 5 minutes, scrub if necessary and rinse off with warm water (50°C) or a final steam rinse.

Very heavy duty degreasing projects such as charred oil or fuel enamel, often require a solvent to expedite the cleaning process. If so apply TRIPLE 7 Easysolve, let stand for 10 minutes, then apply a 10% solution of TRIPLE 7 Heavy Duty at 40°C, followed by a warm water rinse.

Please note: that where a warm water pressure clean is used, the solution strength of TRIPLE 7 Heavy Duty may be reduced to 2%, followed by a final water rinse.

The following dilution rates for TRIPLE 7 Heavy Duty are guide lines only and each application depends on temperature, dwell time and agitation.

Extra heavy grease deposits: 1:1 - 1:2 parts water.

Heavy to moderate deposits: 1:2 - 1:10 parts water.

Moderate to light deposits: 1:10 - 1:100 parts water.

## MARINE APPLICATIONS

TRIPLE 7 Heavy Duty is used for all degreasing and has the following advantages:

- > Does not cause an emulsion
- > Assists oil/water separators and grease traps to function properly.
- > Does not damage rubbers, o-rings, etc.
- > Will clean into creases, joins, seals, etc.
- > Is non-ionic – works by 'lifting & releasing' to give a better clean.
- > Is low foaming, reducing problems in waste tanks.
- > Excellent for closed environments due to reduced toxins.
- > Will keep drainlines clean.

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## HOSPITALITY APPLICATIONS

### Concourses, ceramic tiles, pavers & concrete paths

TRIPLE 7 Heavy Duty works best using a hot water high pressure washer. Atomisation poses no problem as TRIPLE 7 Heavy Duty is non-hazardous to people or clothing when used as directed.

Pre-treat difficult areas with a 20% (20:100) solution of the product in water and let stand until soiling is loosened. For normal applications, mix 1% - 2% solution (stronger if necessary) and spray apply. Brush with a broom for ingrained dirt and allow to stand for a few minutes.

If using a pressure washer, start at one edge holding the spray nozzle at approx. 20cm from the surface at a 45° angle and move forward, so that the water can penetrate under the loosened grime and roll it in front of the spray nozzle. Two passes may be necessary for deep in-grained stains.

On vertical surfaces, always start at the bottom of the vertical surface to be cleaned and apply the solution upward. The actual cleaning is accomplished by rinsing with water. Two passes may be required to remove hardened soil or deep stains in concrete and masonry.

### Floors and tiles

TRIPLE 7 Heavy Duty is used for mopping wooden, vinyl and ceramic floors. For light soiling use a 1% - 3% solution in warm water and mop surface. No rinsing is necessary.

If the build-up is heavy with grease and oils eg. restaurants, commercial kitchens etc. Use a 10% solution of TRIPLE 7 Heavy Duty in hot water. Spray on, allow to stand for 5 minutes and scrub with a broom or stiff brush, then rinse off with warm to hot water. Too strong a mix will leave floors tacky and may remove polish. Add ethanol to the water to aid drying, if desired.

To remove a heavy wax build-up, mix a 50% solution of TRIPLE 7 Heavy Duty in hot water, spray apply, allow to stand for 30 minutes and wash off with hot water. Repeat if necessary.

### Garages

For greasy driveways and garage floors, mix one part TRIPLE 7 Heavy Duty and one part water (50%). Brush with a stiff broom. Allow to penetrate for one hour then brush and rinse.

Rinse from in front of you and move forward, aiming the hose or spray gun at an angle from the ground to lift the grime and roll it away from you.

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A section of pavement cleaned with TRIPLE 7 Heavy Duty.



Cleaning of waste water pit covers.



Heavy Duty cleaning of machinery (only the front section has been cleaned).

For further information or technical advice on this product or any other in the Triple 7 range, please contact Environmental Fluid Systems on: 03 5564 6455.

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