



PRODUCT INFORMATION SHEET

WYNN'S ENVIRO DETERGENT

Product Number: 69500 200 litre 69520 20 litre

WYNN'S ENVIRO DETERGENT is an advanced multi-functional all-surface quickbreak liquid detergent and cleaner, which is biodegradable, non-flammable, non-toxic, water-based and suitable for use in Corrugated Plate Interceptors and Coalescing Plate Separators.

Wynn's Enviro Detergent has the approval of AQIS of the Department of Primary Industries and Energy.

Advantages

Wynn's Enviro Detergent is ideally suited to the transport (land, sea and air) and equipment industries, where it can be successfully used in a variety of different applications.

- as a non-flammable cleaner for engines, components, chassis and casings.
- as an exterior surface cleaner for washing trucks, buses, locomotives and rail carriages, and aircraft.
- as a workshop and driveway floor cleaner.
- as a general purpose hard surface cleaner for floors, walls and windows in amenities buildings.
- as a general cleaner for abattoir and food handling/preparation areas, floors and walls.
- as an excellent pre-cleaner for machine shops in preparation for both oil and synthetic based coolants.

Wynn's Enviro Detergent cleans and removes most surface contaminants such as:

- petroleum fuel, oil and grease.
- vegetable/animal oils and fats.
- road dirt, grime and insect splatter.
- printing ink.
- gums, waxes and fingermarks.
- bilge water and waste.
- exhaust stack soot.

Wynn's Enviro Detergent removes oils and dirt from all surfaces such as:-

- metals and alloys.
- painted surfaces.
- rubber and bitumen.
- concrete, stonework, slate and marble.
- vinyl, linoleum and carpets.
- wood, plastics and glass.

Wynn's Enviro Detergent has a combined algaecidal bacteriostatic action which minimises bacterial infestation while flushing mineral oil from sumps and pipework.

Wynn's Enviro Detergent is water-based, non-caustic, non-toxic and biodegradable. When used in pressure cleaners, Wynn's Enviro Detergent leaves a bright shining lustre.

Wynn's Enviro Detergent has good stability in all types of water - hot, cold, salt, soft and hard.

Wynn's Enviro Detergent is safe on most painted and metal surfaces. However, it may cause whitening of aluminium or aluminium alloys if applied to a hot surface.

General Directions

Wynn's Enviro Detergent can be used by any of the conventional cleaning methods such as:-

- spraying from hand spray pack.
- spraying through mechanical spray equipment.
- as a steam cleaning additive through steam cleaning equipment.
- brushing with broom or brush.
- mopping floor and walls.
- using mechanical scrubbers (in the case of airport/transport terminal surfaces).
- soak tank method for engine parts.
- hand swabbing.

Once applied, allow 30 seconds to a few minutes dwell time, and then rinse off with water. Agitation of surface being cleaned prior to or during wash off, will produce best results.

Normal working concentrations are neat to dilutions of 1:100 in water, depending on application.

Applications

AREA OF USE	GENERAL WORKING CONCENTRATIONS
<ul style="list-style-type: none">• Engines - engine and equipment parts. Engine Rooms	<p>For engine room (shipping) floor plates, tank tops, bilges and gutters - use 1:1 to 1:30 with water.</p> <p>For dip tank degreasing of parts - use 1:5 to 1:10 with water.</p> <p>Steam cleaning - 1:80 to 1:100. High pressure water washing - 1:40 to 1:100.</p>
<ul style="list-style-type: none">• Terminal areas - bitumen, cement and aggregate. Factory and Workshop floors.	<p>For maintenance and parking areas of trucks, cars and equipment, Airport runways, aprons and hanger floors, Container Terminals - use 1:1 to 1:10 with water depending on degree of contamination.</p>

- Exterior surface cleaning for land transport and aircraft. For the cleaning of metal or painted surfaces of trucks, buses, aircraft rail carriages and locomotives, farm and mining equipment - use dilutions 1:40 to 1:100 for spray and brush applications.
- Floor and Wall Deck areas. For regular light duty cleaning of all floor areas including (shipping) upper deck walks, cat walks, passages, davits, lifeboats - use at dilution of 1:50.

For heavy duty cleaning of very oily or dirty areas - use at dilution of 1:10 to 1:20. Similarly for wall areas.
- Restrooms, showers, kitchens and accommodation. Dilution of 1:8 for basins, sinks, urinals, toilets, showers, tiled walls and floors. Light agitation with brush or pad will effectively clean all areas.
- Windows. Dilution of 1:100 to 1:200.
- Printing ink equipment and machinery rooms. Use neat or diluted to 1:4 with water; apply by brush, cloth or spray and allow parts to soak until ink starts to colour and run. Agitate and rinse off.
- Food Industry. For the removal and cleaning of various animal and vegetable oils and fats and blood from work areas such as benches, tanks, floors and walls - dilute preferably with hot water at dilutions of 1:100 for light cleaning to dilutions of 1:20 for heavy duty work.

Areas of Use

Wynn's Enviro Detergent can be supplied to:-

- LAND BASED TRANSPORT OPERATORS/MAINTENANCE WORKSHOPS - trucks, buses, trains, cars, farm equipment, mining and earthmoving equipment - for engine degreasing, parts and equipment degreasing, exterior cleaning and workshop floor cleaning.
- AIRCRAFT INDUSTRIES - for exterior and interior cleaning and degreasing.
- RAILWAYS - carriages, locomotives, workshops.
- GOVERNMENT DEPARTMENTS - Local, State and Federal - water, sewerage, drainage, roads, electricity, telecommunications, postal, and other utilities.
- SHIPPING - as a general purpose detergent cleaner, engine room and bilge degreaser.
- MANUFACTURING INDUSTRIES
- FOOD INDUSTRIES
- MILITARY ESTABLISHMENTS

Environmental Aspects

Wynn's Enviro Detergent is biodegradable, non-toxic and non-flammable.

Wynn's Enviro Detergent meets the biodegradable requirements of the National Health and Medical Research Council recommendations concerning detergents.

When effluent control of the wash solution is of concern to cleaning work sites, it should be noted that Wynn's Enviro Detergent offers an oil breaking characteristic. This characteristic is known as Quickbreak Emulsion Detergency and is used to determine the suitability for use in Corrugated Plate Interceptors and Coalescing Plate Separators. When the slops or wash solution are left to stand in an effluent control tank, the oil breaks out of solution and floats to the top, thus facilitating easy removal of the oil and disposal of clean water.

Approval

Approved (Certificate IOA No. 7967) by the Australian Quarantine & Inspection Service (AQIS) of the Department of Primary Industries and Energy under the category 1 for use as General Cleaner Type A, in pursuance of order 128 of the Commonwealth of Australia Export Control Act 1982 Prescribed Goods (General) Orders for use in registered establishments.

Typical Characteristics

Appearance	Clear Aqueous Liquid
Colour	Fluorescent Yellow
Odour	Mild
Density @ 15°C	1.035 (ASTM D 4052)
Flash Point (°C)	None
Foaming Properties	High Stable Foam
Rinsability	Leaves No Residue
pH (Concentrate)	12.5 (ASTM D 1287)
pH (1% in Distilled Water)	9.0 (ASTM D 1287)
Caustic Alkali Content	Nil
Petroleum Solvent Content	Nil
Normal Operating Temp. (°C)	5-100
Biodegradability	Meets the Australian Standard for Biodegradability AS 1782.
Quickbreak Detergency	Pass (N.S.W. Water Board Test Method)
Emulsion Separation (minutes)	15