



ACL-BS615

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**BIOSOL 615****TECHNICAL DATA**

BioSol™ 615 combines an optimal level of biodegradable solvents, surfactants and emulsifiers to produce a powerful degreasing syrup that literally defies gravity. The new syrup technology clings to any surface, ensuring maximum contact. As it clings, 615's powerful ingredients go to work methodically stripping layers of crud until the original surface shines through. It quickly dissolves oil, grease, asphaltenes, wax, adhesives and organic materials, allowing for an easy rinse.

**BioSol™ 615: Sticks around to get the job done!**

It seems that time is becoming a very precious commodity these days. Most everything is measured in terms of its time effectiveness and performance – and that's no exception when it comes to choosing your heavy-duty degreaser. The question becomes this, is it possible to develop a high performance degreaser that gets the job done fast without compromising employee or environmental safety?

The answer is yes! Continuing our tradition of providing viable replacements to hazardous solvents that deliver optimum performance, we bring you the new BioSol 615 degreasing syrup.

**Performance features & Benefits:**

Takes the scrub out of degreasing:

- Clinging
- 100% active, 100% biodegradable
- No special handling requirements
- Reduces risk, improves worksite safety
- No chlorinates, butyls or halogens
- No phosphates, acids or distillate's
- No carcinogen's or hidden toxins
- Not regulated under dangerous goods
- Non-corrosive, free-rinsing, no residues
- High soil loading capacity, high solvency
- Fast drying, ozone friendly
- High viscosity, clinging power

**ALTACHEM LTD.**

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**BIOSOL 615****TECHNICAL DATA****Product Applications:**

With a performance-proven track record to its credit, doesn't your crew deserve 615?

- Solvent based graphite removal
- Paving equipment, heavy machinery, tar removal
- Oilfield service rigs, downhole tools
- Oilfield equipment, oil tools
- Machine shops, steel fabricator's
- Pulp mills, mobile shops, wood rooms
- Mining equipment, automotive detailing & repair
- Aircraft maintenance, marine vessels
- Cylinder heads, generators, oil tanks
- Parts cleaning, tool soak
- Cargo holds, bilges, storage tanks, turbines
- Crude oil, asphaltene's, bitumen, road tar
- Grease, distillate's, mineral oils, paraffin's
- Press maintenance

**Directions for use:**

615 can be used straight or can be diluted with water (dilution will decrease 615's ability to cling). When diluted, this product separates from water within several minutes. Shake well or agitate prior to each application. Apply with hand sprayer, mechanical applicator or pressure washer. Do not allow 615 to sit on protected painted surfaces for more than 10 minutes.

**Industrial applications:** In cases of heavy or weathered deposits, power-off with high pressure before application of product. Apply and allow soaking 3 to 5 minutes. Additional soak time may be required for especially stubborn areas. Rinse well with highest pressure and temperature available.

**Parts washers, ultrasonic and dipping tanks:** Ensure tank is clear of all solvents, sludge and oxidizing materials. Allow usual amount of time for soaking. Rinse well. Replace with new product as required.

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**BIOSOL 615- Suggested Dilution Rates –(Parts Water : Parts Product)**

**PULP MILL MAINTENANCE:**

APPLICATION	MIN.	MAX.
Pressure washing, equipment overhaul preparation	1:1	3:1
Ink/dye removal, pulp machine framework, parts washing	3:1	5:1
Wood room, pitch tar, sumps, rollers, mobile shops	5:1	20:1

**OILFIELD & INDUSTRIAL MAINTENANCE:**

APPLICATION	MIN.	MAX.
Pavers, hoppers, tar pots, shovels, trucks, beds, gear grease	Straight	1:1
Pressure washing, rig wash, invert mud tanks, oil tools	1:1	2:1
Wireline, cable, wellheads, oil tanks, blocks/swivels, BOP's	1:1	3:1
Motor wash, soak tanks, turbines, concrete stains	3:1	5:1
Shop floors, walls, hand tool cleanup, laundry additive	5:1	10:1

**AIRCRAFT & FLEET VEHICLE MAINTENANCE:**

APPLICATION	MIN.	MAX.
Electronic circuits, axle grease, gear grease, glycol	Straight	Straight
Landing gear, brake dust, hydraulics, lubricating oils	3:1	5:1
Fuel spills, tarmac, residual carbon, exhaust removal	3:1	5:1
Engine degreasing, paint overspray, undercoating tar	3:1	5:1

**MARINE VESSEL MAINTENANCE:**

APPLICATION	MIN.	MAX.
Heavy-duty bilge cleaning	1:1	5:1
Heavy hydrocarbon tanks: i.e. crude, asphaltenes, lubes	1:1	5:1
Engine room, slop hoses, residual carbon and soot	1:1	5:1
Medium hydrocarbon tanks: i.e. light crude, mineral oil	2:1	5:1
Light-duty bilge cleaning	5:1	10:1
Light hydrocarbon tanks: i.e. fuels, distillates	5:1	10:1
Natural oil tanks: i.e. Animal, vegetable, fish, organic matter	5:1	10:1

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