Industrial & Oilfield Chemicals

HEAVY DUTY DEGREASERS/CLEANERS

ALTASOLVE HD INDUSTRIAL DEGREASER/CLEANER		A heavy duty solvent degreaser that is designed to remove tough soils	
PART NO.	<u>SIZE</u>	like bitumen, grease and oil. A blend of natural and synthetic	
ACL-STASL-20	20 LITRE PAIL	hydrocarbons will penetrate and lift the toughest of soils. An economical	
ACL-STASL-205	205 LITRE DRUM	solution that can be used for degreasing parts, equipment, tank and	
ACL-STASL-1025	1025 LITRE TOTE	vessel circulation cleaning.(514)	

BIG RED INDUSTRIAL DEGREASER/CLEANER		Big Red CFIA Approved. This concentrated water based degreaser is
PART NO.	<u>SIZE</u>	specially designed for fast and effective removal of grease, oil and dirt.
ACL-STRED-20	20 LITRE PAIL	With a unique blend of surfactants and powerful grease-cutting agents,
ACL-STRED-205	205 LITRE DRUM	this product quickly penetrates and emulsifies grease and oil from most
ACL-STRED-1025	1025 LITRE TOTE	surfaces. This product may be used in a broad spectrum of applications in
		various industries, including garages, factories, industrial shops, and
		warehouses. For specific use in food plants, see directions.(0501) (514)

CITRA CLEAN INDUSTRIAL DEGREASER/CLEANER		This heavy duty water based citrus degreaser is designed for cleaning
PART NO.	<u>SIZE</u>	shop floors, heavy equipment & parts. Its unique blend of surfactants and
ACL-STRED-20	20 LITRE PAIL	organic solvents eliminate the toxicity and odour problems commonly
ACL-STRED-205	205 LITRE DRUM	associated with petroleum and chlorine based products. This micro
ACL-STRED-1025	1025 LITRE TOTE	emulsion will effectively & efficiently remove oil, bitumen, tar, asphalt,
		and dirt from a wide variety of surfaces.(0502)

CITRASOLVE INDUSTRIAL DEGREASER/CLEANER			
PART NO. SIZE			
ACL-STCSS-20	20 LITRE PAIL	u	
ACL-STCSS-205	205 LITRE DRUM	а	
ACL-STCSS-1025	1025 LITRE TOTE	b	
		gı	

CITRASOLVE is a very concentrated, heavy duty citrus based solvent egreaser for cleaning shop floors, heavy equipment and parts. This nique blend of surfactants and organic solvents eliminates the toxicity nd odor problem commonly associated with petroleum and chlorinated ased products. It is designed to effectively and efficiently remove oil, rease, tar, asphalt, dirt, etc, from a wide variety of surfaces.(505)

TRIPLE THREAT INDUSTRIAL DEGREASER/CLEANER		CFIA Approved. This highly alkaline, concentrated water based degrease	
PART NO.	<u>SIZE</u>	is specially designed for fast and effective removal of grease, oil, and dirt	
ACL-STTRP-20	20 LITRE PAIL	while sanitizing. It contains a unique blend of surfactants and powerful	
ACL-STTRP-205	205 LITRE DRUM	grease cutting agents that quickly penetrate and emulsify grease and oil	
ACL-STTRP-1025	1025 LITRE TOTE	from any surface. This product may be used in a broad spectrum of	
		applications in various industries, including restaurants, garages,	
		factories, industrial shops, and warehouses. For specific use in food plants	
		see, directions.(0516)	

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Industrial & Oilfield Chemicals

HEAVY DUTY DEGREASERS/CLEANERS

CLEAN-AWAY INDUSTRIAL DEGREASER/CLEANER		This multipurpose water based cleaner / degreaser is specially designed		
PART NO.	<u>SIZE</u>	for fast and effective removal of grease, oil, and dirt. It contains a unique		
ACL-STCLA-20	20 LITRE PAIL	blend of surfactants and powerful grease cutting agents that quickly		
ACL-STCLA-205	205 LITRE DRUM	penetrate and emulsify grease and oil from any surface while leaving		
ACL-STCLA-1025	1025 LITRE TOTE	behind a fresh lemon scent. This product is handy to have around for		
		general everyday cleaning and is great for garages, factories, industrial		
		shops, warehouses, restaurants, hotels, motels, and offices.(0543)		

TARGUM INDUSTRIAL DEGREASER/CLEANER			
PART NO. <u>SIZE</u>			
ACL-STCLA-20	20 LITRE PAIL		
ACL-STCLA-205	205 LITRE DRUM		
ACL-STCLA-1025	1025 LITRE TOTE		

Oil/Gas Plants-Oil/Grease-Engine Degreaser-Oven -Concrete

CFIA Approved. This extremely concentrated, heavy duty, citrus based solvent cleaner is designed for removing gum and tar from hard surfaces and many kinds of fabrics. For specific use in food plants, see directions. (551)

PROTOCOL K-300 ALL PURPOSE CLEANER ENV		ENVIR	ENVIRONMENTALLY FRIENDLY, CFIA APPROVED, Protocol K-300 carries				
PART NO.	<u>SIZE</u>	the Ecologo signifying certification by Canada's Environmental Choice					
ACL-PK300-121	12 X 1 LITRE BOTTLE	Program, under the C.E.P.A. K-300 is an all-purpose cleaner designed					
ACL-PK300-44	4 X 4 LITRE JUGS	specifically to quickly penetrate dirt, oil, grease, pigments, and other everyday soils. A unique and carefully chosen blend of non-ionic					
ACL-PK300-20	20 LITRE PAIL						
ACL- PK300-205	205 LITRE DRUM	surfactants and biodegradable builders enables K-300 to outperform			o outperform		
ACL- PK300-1025	1025 LITRE TOTE	traditional water soluble cleaners when used comparatively. For specific use in food plants, see directions.					
Area to Clean			Mix Rate (K-300:Water)	Ounce / Gallon	Milliliters / Litre		
Pulp and paper plants							
Pulp al	d paper plants		1:26	6	38.5		
•	d paper plants o scrubber		1:26 1:16	6 13	38.5 63		
Aut							
Aut Oxi	o scrubber		1:16	13	63		
Aut Oxi Car o	o scrubber dized paint		1:16 1:10	13 16	63 100		
Aut Oxi Car o Heavy duty Truc	o scrubber dized paint r truck wash	ghts	1:16 1:10 1:10	13 16 16	63 100 100		
Aut Oxi Car o Heavy duty Truc Walls-Ceilings- Wastebas	o scrubber dized paint r truck wash ck Wash-Carpet Cleaner	ghts	1:16 1:10 1:10 1:8	13 16 16 20	63 100 100 125		
Aut Oxi Car o Heavy duty Truc Walls-Ceilings- Wastebas Counters-Applia	o scrubber dized paint r truck wash k Wash-Carpet Cleaner kets- Lockers-Telephones-Li	ghts	1:16 1:10 1:10 1:8 1:5	13 16 16 20 32	63 100 100 125 200		
Aut Oxi Car o Heavy duty Truc Walls-Ceilings- Wastebas Counters-Applia	io scrubber dized paint r truck wash k Wash-Carpet Cleaner kets- Lockers-Telephones-Li inces-Office Equipment		1:16 1:10 1:10 1:8 1:5 1:4	13 16 16 20 32 40	63 100 100 125 200 250		
Aut Oxi Car o Heavy duty Truc Walls-Ceilings- Wastebas Counters-Applia F Radiators-Doors-Rig Wasl	o scrubber dized paint r truck wash k Wash-Carpet Cleaner kets- Lockers-Telephones-Li inces-Office Equipment urniture	nings	1:16 1:10 1:10 1:8 1:5 1:4 1:3	13 16 16 20 32 40 53	63 100 100 125 200 250 333		

As is

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Industrial & Oilfield Chemicals

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HEAVY DUTY DEGREASERS/CLEANERS

PROTOCOL K-300i INDUSTRIAL CLEANER DEGREASER		ENVIRONMENTALLY FRIENDLY. CFIA APPROVED. Protocol K-300i carries				
PART NO.	<u>SIZE</u>	the Ecologo signifying certification by Canada's Environmental Choice Program, under the C.E.P.A. K-300i employs a combination of biodegradable surfactants and builders in a highly concentrated formu that has incredible performance with the added benefit of low environmental impact. K-300i must be diluted depending on the soil lo				
ACL-PK300i-121	12 X 1 LITRE BOTTLE					
ACL-PK300i-44	4 X 4 LITRE JUGS					
ACL-PK300i-20	20 LITRE PAIL					
ACL-PK300i-205	205 LITRE DRUM					
ACL-PK300i-1025	1025 LITRE TOTE	to be cleaned. For use in food plants, see directions.			directions.	
Area to Clean			Mix Rate (K- 300i:Water)	C	ounce / Gallon	Milliliters / Litre
Auto scrubber			1:160	1	.3	6.3
Car or Truck Wash- Oxidized paint			1:100	1	.6	10
Heavy duty Truck Wash-Carpet Cleaner			1:80	2	.0	12.5
Walls-Ceilings- Wastebaskets- Lockers-Telephones-Lights-Shades			1:50	3	.2	20
Aircraft Cleaner			1:50	3	.2	20
Counters-Appliances-Office	Counters-Appliances-Office Equipment			4	.0	2.5
Furniture			1:32	5		31.3
Pulp & Paper Plants-Canvas Awnings			1:26	6		38.5
Radiators-Doors-Rig Wash-Kitchen Hoods			1:20	8		50
Meat Packing Plants -Parts Washer-Carpet or Laundry spotter			1:10	1	6	100

1:10

PROTOCOL k-650 CALCIUM, RUST & LIME REMOVER			
PART NO.	<u>SIZE</u>		
ACL-PK650-121	12 X 1 LITRE BOTTLE		
ACL-PK650-44	4 X 4 LITRE JUGS		
ACL-PK650-20	20 LITRE PAIL		
ACL- PK650-205	205 LITRE DRUM		
ACL- PK650-1025	1025 LITRE TOTE		

Oil/Gas Plants-Oil/Grease-Engine Degreaser-Oven Cleaner-Concrete

ENVIRONMENTALLY FRIENDLY. CFIA APPROVED. Protocol K-650 is an Ecologo certified tub, tile, and grout cleaner made from an organic salt/surfactant blend that is designed to quickly penetrate dirt, oil, grease, calcium carbonate, lime, rust, and other everyday soils. K-650 is safe to use on any surface (must be thoroughly rinsed from all surfaces after use). The unique blend of surfactants and organic salts enables K-650 to outperform traditional acid based cleaners. For specific use in food plants, see directions.

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Area to Clean	Mix Rate (K-650:Water)	Ounce / Gallon	Milliliters / Litre
Toilet Seats-Mirrors-Waste Receptacles-Sanitary Dispensers	1:5	32	200
Wash Basins	1:5	32	200
Fixtures-Towel Cabinets-Bathroom Furniture-Aluminum Tank Trucks	1:3	53	333
Coffee Maker-Humidifier-Boiler & Lines	1:1	160	1000
Lime Deposits-Marble-Uni-Stone-Boiler & Lines	As Is		
Aluminum Tank Trucks-Calcium Carbonate Buildup-Rust Deposits	As is		
Stone Floors-Ceramic Walls-Toilet Bowls-Urinals-Partitions-Concrete	As is		

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PROTOCOL k-651 CALCIUM, RUST & LIME REMOVER		VIRONMENTALLY FRIENDLY. CFIA APPROVED. SANITIZER. K-651 is a			
<u>PART NO.</u>	<u>SIZE</u>	tub, tile, and grout cleaner made from an organic salt/surfactant blend			
ACL-PK651-121	12 X 1 LITRE BOTTLE		ned to quickly penetrate		
ACL-PK651-44	4 X 4 LITRE JUGS	lime, rust, and other everyday soils. K-651 is safe to use on any surface			-
ACL-PK651-20	20 LITRE PAIL	(must be thoroughly rinsed from all surfaces after use). The blend of			
ACL-PK651-205	205 LITRE DRUM	surfactants	and organic salts enables	K-651 to outperfo	orm traditional
ACL-PK651-1025	1025 LITRE TOTE	acid based cleaners. For specific use in food plants, see directions.		directions.	
Area to Clean			Mix Rate (K-300i:Water)	Ounce / Gallon	Milliliters / Litre
Toilet Seats-Mirrors-Waste Receptacles-Sanitary Dispensers		1:5	32	200	
Wash Basins		1:5	32	200	
Fixtures-Towel Cabinets-Bathroom Furniture-Aluminum Tank Trucks		Tank Trucks	1:3	53	333
Coffee Maker-Humidifier-Boiler & Lines		1:1	160	1000	
Lime Deposits-Marble-Uni-Stone-Boiler & Lines			As Is		
Aluminum Tank Trucks-Calcium Carbonate Buildup-Rust Deposits		As is			
Stone Floors-Ceramic Walls-Toilet Bowls-Urinals-Partitions-Concrete		As is			

BIOSOL 210	MUDWASH	Powerful yet economical Rig Cleaner that safely and effectively		
PART NO.	<u>SIZE</u>	outflanks and extracts most contaminants from rig surfaces, Its primary		
ACL-BS210-20	20 LITRE PAIL	mission is to seek and destroy all types of drilling mud-a mission which it		
ACL- BS210-205	205 LITRE DRUM	never fails to complete with great success. Mudwash suspends		
ACL-BS210-1025	1025 LITRE TOTE	contaminants with lightning speed. Allowing for quick and easy cleanup and rinse.		
		Product Applications		
) Industry leading cost to treat		
		 J Shakers J Mud tanks J Centrifuges Drilling rig platforms 		
		Drilling rig platforms		
) Invert spills		
) Well kicks		
		Drill heads		
) Pipe		
) Oilfield equipment		

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BIOSOL 310 LEVA	SOL DEGREASER	
PART NO.	<u>SIZE</u>	Contains a unique blend of organic solvents, surfactants, emulsifiers,
ACL-BS310-20	20 LITRE PAIL	chelates and corrosion inhibitors that ensure faster, less labor intensive
ACL- BS310-205	205 LITRE DRUM	 cleaning. Excess moisture is dispersed very quickly to accelerate drying time and a protective finish inhibits flash rust on exposed metals. And,
ACL- BS310-1025	1025 LITRE TOTE	 of course, there are no hazardous fumes or hidden toxic by-products.
		 Fully biodegradable, user safe and improves work site safety. Rig
		washing in oil & gas operations.
		Product Applications
		Rig wash, invert muds, pumps and equipment
		Mining equipment (surface & underground)
) Marine and forestry equipment
		Machine shops, drill presses, shop floors & walls
		Motors, machinery, and manufacturing tools
		Ultrasonic tanks, generators
		Food safe for use in camp kitchens
		Food & meat processing equipment
		Animal fats, blood, protein deposits
		Lubricants
		Printing press maintenance (water-based inks)
		/ Wireline trucks & equipment
		Frac trucks & equipment Oilfield teals
) Oilfield tools

BIOSOL 610 HYPER	RSOL DEGREASER	A powerful combination of organic, inorganic and synthetic solvents
BIOSOL 610 HYPER PART NO. ACL-BS610-20 ACL- BS610-205 ACL-610-1025	SOL DEGREASER SIZE 20 LITRE PAIL 205 LITRE DRUM 1025 LITRE TOTE	 that stand up to the toughest degreasing challenges. Yet, it does not contain the carcinogens or hidden toxins often associated with their use. It's also 100% active – meaning that it contains absolutely no water. Count on BioSol™ 610 to quickly dissolve oil, grease, asphaltenes, wax, adhesives and organic materials. And, a special blend of additives ensures a clean, residue-free rinse. Product Applications Drill rig degreaser (invert muds), Service rigs, downhole tools Marine vessels, storage tanks, cargo holds, turbines & hoses
		 Oilfield equipment, bulk carrier tank cleaning, Oil Tools Machine shops, steel fabricators Road construction, heavy machinery, tar removal Pulp & paper mills, forestry equipment (including blades) Mining equipment (underground & surface) Automotive detailing & repair Oil tanks, cylinder heads, generators Crude oil, asphaltenes, bitumen, tar Grease, hydrophobic paraffin's

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BIOSOL 615 VICO	SOL DEGREASER	Biodegradable solvents, surfactants and emulsifiers to produce a
PART NO.	<u>SIZE</u>	powerful degreasing syrup that literally defies gravity. Clings to any
ACL-BS615-20	20 LITRE PAIL	surface, ensuring maximum contact. Powerful ingredients go to work
ACL- BS615-205	205 LITRE DRUM	methodically stripping layers of crud until the original surface shines
ACL-BS615-1025	1025 LITRE TOTE	through. Quickly dissolves oil, grease, asphaltenes, wax, adhesives and organic materials, allowing for an easy rinse.
		Product Applications
		Solvent based graphite, Machine shops, steel fabricators
		Paving equipment, heavy machinery, tar removal
		Oilfield service rigs, downhole tools, equipment, oil tools
		Mining equipment, Marine vessels
		Cylinder heads, generators, oil tanks
l		Cargo holds, bilges, storage tanks, turbines
l		Crude oil, asphaltenes, bitumen, tar
		Grease, distillates, mineral oils, paraffin's

BIOSOL GEARSOL HEAV	VY DUTY DEGREASER	Designed to go to work quickly on waterproof greases through both
PART NO.	<u>SIZE</u>	surface action as well as rapid penetration. Works effectively to break
ACL-BSGEA-20	20 LITRE PAIL	down synthetic graphite and most other high pressure greases without
ACL- BSGEA-205	205 LITRE DRUM	compromising health and safety. GearSol works efficiently to break down
ACL-BSGEA-1025	1025 LITRE TOTE	the toughest waterproof greases that no other degreaser can touch with the same level of safety to both the user and the environment.
		Useful in the Following Industries
		Mining & Ore Processing, Construction, Oil/Gas, Pulp & Paper, Transport
		Product Applications
		Degreasing bull gears, Degreasing drivelines
		Cleaning wire rope & hoist cables
		Cleaning transfer & transmission cases

BIOSOL ULTRASOL HEAVY D	UTY DEGREASER	Due to the low odour, this product has a wide range of uses in various		
PART NO.	<u>SIZE</u>	applications, especially in enclosed areas such as mines, small shops,		
ACL-BSULT-20	20 LITRE PAIL	tanks and crawl spaces. It works aggressively to penetrate and emulsify the hydrocarbons of most heavy greases and oils. Its safe to use in hot		
ACL- BSULT-205	205 LITRE DRUM			
ACL-BSULT-1025	1025 LITRE TOTE	areas and on hot surfaces where fumes are a problem and rinses totally free with no residue left behind.		
		Product Applications		
		 J Heavy Duty decreasing on heavy equipment J Cleaning greasy / oily floors 		
		Cleaning cables, Decreasing gears		
		Cleaning tank interiors		
		Removing tars / asphalts		
		Rail cars / tanks, Cleaning tank interiors		

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ALTACHEM Ltd.

BIOSOL MEGASOL HEAVY DUTY DEGREASER		A breakthrough technology that provides a powerful solution to		
PART NO.	<u>SIZE</u>	effectively and safely deal with any combination of soil, mud or sand		
ACL-BSMEG-20	20 LITRE PAIL	mixed with heavy oils. Other products are designed to effectively clean		
ACL- BSMEG-205	205 LITRE DRUM	either soils or heavy oils, but not necessarily both at the same time.		
ACL-BSMEG-1025	1025 LITRE TOTE	These powerful surfactants and wetting agents aggressively penetrate		
		through almost any kind of soil, leaving it soft, pliable and easy to rinse.		
		Powerful yet safe synthetic and organic solvents break up and emulsify		
		- heavy oils such as bitumen and tar. Designed to inhibit corrosion,		
		 eliminate static electric charge, and prevent the redisposition of soils. Whether faced with invert mud, dirt mixed with heavy oil, tar sands or 		
		any other scenario with such mixtures.		
		Product Applications		
		Oil sands, bitumen, heavy crude, Industrial grease		
		Heavy haulers, shovels, dozers, Graders, backhoes, loaders		
		Engine compartments, undercarriages		
		Swing gears, suspensions, hydraulic tanks		
		Pumps, motors, light vehicles		
		Oilfield equipment, service rigs, downhole tools, BOPs		
		Mining equipment (underground & surface)		
		Sludge & oilfield tanks – asphaltenes, waxes & heavy oil		
		buildup		
		Heavy manufacturing – steel plant, tire plant, rubber plant		
		Pipeline manufacturing and repair		
		Oil & Gas refineries & Smelters		

BIOSOL TARSOL COAL TAR CLEANER		Specifically designed to DISSOLVE AND CLEAN TOUGH COAL TAR AS		
PART NO.	<u>SIZE</u>	WELL AS APHALTENES AND HEAVY WAXES. Environmentally safe product,		
ACL-BSTAR-20	20 LITRE PAIL	being biodegradable with a low bioaccumulation potential. It works fast		
ACL- BSTAR-205	205 LITRE DRUM	and rinses free, effectively dissolving coal tars, carbon blacks and heavy		
ACL-BSTAR-1025	1025 LITRE TOTE	waxes, TarSol also works extremely well in removing aged tar that has been exposed to the atmosphere for extended periods of time. With an		
		 unmatched HS&E profile TarSol is a safer alternative to other products on the market, used in similar applications. Even old asphalt with stubborn polymers can be removed with ease. TarSol is also useful in Carbon black manufacturing plants to remove and / or soften heavy crude. 		
		Mining, Oil Refining, Transportation, Construction Product Applications		
		Coal tar removal, Cleaning liquid tar equipment		
		Tar and emulsions, Cleaning liquid tar equipment		
		Carbon black manufacturing to remove/soften heavy crude		
) Cleaning lines in asphalt plants		
		Breaking down samples in asphalt testing labs		

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