



PRODUCT LIST

Degreasers & Rig Wash

- ◆Dyna-Solv 101
- ◆Dyna-Solv Butyl Degreaser
- ◆Drill-Kleen Rig Wash
- ◆Blast-It Rig Wash
- ◆Citra-Solv Citrus Degreaser

Exterior Truck & Trailer Wash

- ◆Fleet Wash Liquid Truck Soap
- ◆Dyna-Brite Aluminum Brightener
- ◆Citra-Brite Aluminum Brightener
- ◆TW 3100 Powdered Truck Soap
- ◆Dyna-Wash Powdered Concentrate
- ◆Dyna-Crush Concrete Remover
- ◆Windshield Wash

Tank Cleaning Detergents

- ◆Dyna-Solv 101 Liquid Concentrate
- ◆Dyna-Wash Powdered Concentrate
- ◆PowerKleen 6000 Neutral pH Detergent
- ◆Dyna-Kleen

Latex Stripping Hot Vat Detergents

- ◆Dyna-Strip Powder and Dyna-Strip 2020 Combo
- ◆Strip-Eze

Caustic Vat Additives

- ◆Dyna-Strip 2000 - Booster for Cleaning Heavy Oils and Resin
- ◆Dyna-Strip 333 and Vat-Add 50 Combo - Booster for Cleaning Latex
- ◆IRC 5000 - Booster for Cleaning Isocyanates



Solvent Strippers

- ◆Dyna-Strip 500 for Hydrocarbon, Resin, and Isocyanate
- ◆Dyna-Strip 777 for Hydrocarbon and Resin
- ◆Dyna-Strip 1000 for Resin and Epoxy
- ◆Dyna-Strip 4000 for Latex
- ◆Enviro-Solv Tar/Asphalt Remover
- ◆Citra Clean Tar/Asphalt Remover
- ◆Tri Clean 1000B for Resin, Rubber, and Plastic

Specialty Tank Cleaning Solutions

- ◆Z-500S Degassing Detergent
- ◆Enviro-Solv 222 Acid Frac Tank Cleaner
- ◆Poly-Kleen Polymer Cleaner
- ◆D/D 5000 Food Grade Detergent & Sanitizer

Decal & Graffiti Removers

- ◆Ruthless Paint & Decal Remover
- ◆Dyna-Strip 4000

Odor Control

- ◆HideAway
- ◆Neutral Deodorizer
- ◆Acronel SS-30 for Acrylates
- ◆Z-400S for Acrylates
- ◆Captoban for Mercaptans

Odor Scrubbing Solutions

- ◆Acronel WS-27 for Scrubbing Acrylate
- ◆HideAway Oil-Based
- ◆Neutrex 990 for Scrubbing Vinyl Acetate

Passivation / Rust Inhibition

- ◆HT-2222 Passivator
- ◆Meta-Phos Rust Inhibitor

PRODUCT DESCRIPTIONS

◆**ACRONEL SS-30** – Non-corrosive acrylate neutralizer. Contains surfactants and re-odorants which speed up odor neutralization. Dilute with water for use. Not for vapor scrubbers due to foaming.

◆**ACRONEL WS-27** - This ACRYALTE odor control product is sold worldwide to control and eliminate acrylate odors. ACRONEL WS-27 can be used in a vapor scrubber or spray directly on spills to ensure instant odor control.

◆**BLAST-IT** - Excellent degreasing power at an unbeatable price. Blast-It is our most economical rig wash, and its non-hazardous properties promote safer cleaning and reduced transportation costs. Popular in the oil/gas industry where large volumes are required at several different locations.

◆**CAPTObAN** - This fresh scented product is formulated to tie up sulfur compound odors like MERCAPTON when used as directed. This product is an excellent deodorizer for many nuisance odors

◆**CITRA CLEAN** - This citrus solvent degreaser is very effective at cutting greases, oils, and asphalts. The main active ingredient is derived from orange peels, giving Citra Clean biodegradability and a pleasant citrus odor.

◆**CITRA-SOLV** - Highly concentrated citrus based degreaser. Can be diluted with water. Pleasant orange fragrance and excellent oil and grease cutting power.

◆**CITRA-BRITE** – Citra-Brite is a citrus-based, environmentally friendly aluminum brightener concentrate comprised of only biodegradable acids.

◆**D/D 5000 DETERGENT-SANITIZER-DISINFECTANT** - This phosphate-free formula is designed to provide effective cleaning, deodorizing, sanitization, and disinfection. Formulated specifically for food grade tank cleaning, food processing plants, food service establishments, and other institutions where housekeeping is of prime importance in order to prevent cross contamination.

◆**DRILL-KLEEN RIG WASH** - This non-hazardous concentrate is a safer and superior alternative to the corrosive rig washes commonly seen in the oilfield. Drill-Kleen is biodegradable and will not burn your skin. It is highly concentrated and can be diluted with water or applied with a pressure washer via downstream injection.

◆**DYNA-BRITE CONCENTRATED ALUMINUM BRIGHTENER** - This highly concentrated brightener is a staple for washing trailer exteriors. While utilizing our "Two-Step" exterior application system, Dyna-Brite can be used in conjunction with FleetWash to offer a brush-free trailer wash.

◆**DYNA-CRUSH CONCRETE REMOVER** - This concrete remover is a non-corrosive, paint-friendly, biodegradable alternative to the more harsh acid solutions on the market. Dyna-Crush does not contain muriatic, hydrofluoric, or sulfuric acids. Dyna-Crush is popularly used by redi-mix companies and oilfield cement pumping service companies for exterior washing.

◆**DYNA-KLEEN** - Caustic-based tank cleaning detergent and degreaser. Highly concentrated but very economical. Effectively cuts resin and hydrocarbon.

◆**DYNA-SOLV 101** - The best tank cleaning liquid detergent on the market today. This non caustic detergent can be used as a cold water degreaser, presolve, vat detergent, and parts cleaner.

◆**DYNA-SOLV BUTYL DEGREASER** - Dyna-Solv is a non-hazardous, paint-friendly degreaser concentrate. This product is perfect for cold water degreasing applications, and is preferred by equipment rental companies for its clean, streak-free finish.

◆**DYNA-STRIP CONCENTRATE POWDER LATEX STRIPPER WITH DYNA-STRIP 20/20 RESIN AND LATEX SKIN CUTTER**- This combination when used properly eliminates hours of scraping on latex and many resins. This product combination will dissolve set up latex like no other on the market today.

◆**DYNA-WASH POWDERED DETERGENT** – This powdered detergent can be used as a vat detergent for interior tank cleaning, or as an exterior tank and truck wash soap. Once mixed with water, Dyna-Wash offers a very effective and economical option for light oil washouts, and for cutting vehicle dirt and road grime buildup.

◆**STRIP-EZE HOT VAT STRIPPER** - Highly alkaline vat additive. Very effective latex and resin stripper. For a latex stripping vat, Strip-Eze can be used in conjunction with Dyna-Strip 2020, as a liquid alternative to the Dyna-Strip Powder. Strip-Eze can also be used in conjunction with our Dyna-Strip 2000 for tank wash operations using a single vat to clean a wide range of resins and latex.

◆**DYNA-STRIP 333 & VAT-ADD 50 LATEX STRIPPING CAUSTIC VAT COMBO** - These two products can be added to your caustic vat to significantly boost latex and resin cleaning power. For tank wash facilities that primarily utilize a caustic vat for cleaning latex, these two additives will give your vat the ability to soften and dissolve even the toughest latex, thus reducing time spent re-entering and scraping tank interiors.

◆**DYNA-STRIP 500 SOLVENT STRIPPER** - Dyna-Strip 500 an ideal for cleaning shop parts, hoses, and fittings. This blend of non-EPA regulated solvents will break down heavy hydrocarbon, resins, and isocyanates, while leaving a clean dry surface finish. Simply apply and wipe clean with a rag. No final soap wash or rinse required.

- ◆**DYNA-STRIP 777 PRESOLVE** - This tough acting blend of non EPA listed solvents will cut tough resins, tough coatings and soften and dissolve set up latex and resin. Our ELIMINATOR KIT with 777 is extremely effective.
- ◆**DYNA-STRIP 1000 PREMIUM PRESOLV** - This powerful solvent blend will break down tough epoxies and flammable resins. Apply as a presolve to help break down and soften material set-up. For superior cleaning results, allow extended contact time using our ELIMINATOR KIT.
- ◆**DYNA-STRIP 2000 SUPER CONCENTRATE** - Ideal option for tank wash facilities with a single vat. This versatile tank cleaning detergent effectively cleans a very wide range of soils including oils, resins, and latex. Dyna-Strip 2000 makes for an excellent caustic vat booster. For even better latex and resin stripping results, use in conjunction with Strip-Eze.
- ◆**DYNA-STRIP 4000 LATEX PRESOLVE** - This product was designed to dissolve set up latex with safety in mind. This blend works like the methylene chloride type products but has no EPA listed solvents and flashes over 200 F. The ELIMINATOR KIT with this product prevents hours of hard labor.
- ◆**ENVIRO-SOLV 222 ACID FRAC TANK CLEANER** - This non-hazardous, non-fuming blend of solvents was formulated specifically for time consuming "Acid Frac Tanks" in the oilfield. Due to the addition of corrosion inhibitors and other acid additives in these tanks, degreasers and rig wash prove ineffective. This fast-acting solvent cutter can be sprayed on to pretreat difficult acid frac tanks. Upon contact, you will immediately see those tough black stains start to melt away.
- ◆**ENVIRO-SOLV TAR/ASPHALT REMOVER** - This non-hazardous is a safe and economical alternative to many asphalt removers on the market. With a flash point over 200F, applying in confined spaces is much safer than using "cutter solvents". Enviro-Solv is also much more economical than the popular citrus blends. Enviro-Solv is a very effective presolve for cleaning #6 oil, asphalt, oil-based drilling muds, and any other heavy tar-like hydrocarbon.
- ◆**FLEET WASH LIQUID TRUCK SOAP** - Fleet Wash is a staple for exterior truck wash operations. It is safe on paint and glass, and will leave polished aluminum surfaces with a nice shiny finish. While utilizing our "Two-Step" exterior application system, Fleet Wash can also be used in conjunction with Dyna-Brite to offer a brush-free trailer wash.
- ◆**HIDEAWAY** - Our finest deodorizing compound. As a water based product, it is effective on all types of odor. Very pleasant fragrance, similar to Febreze. Highly concentrated for economical dilution. Safe on almost all surfaces. Dilutes with water for Misting Applications.
- ◆**HT-2222 PASSIVATOR** - This proven passivation product contains NO NITRIC ACID and does an incredible job passivating and removing stains. Use with our TANK TRUCK FOGGER this product is an excellent passivating agent]
- ◆**IRC 5000** - This concentrate blend of solvent strippers and surfactants is formulated to enhance the cleaning effectiveness of sodium and potassium hydroxide solutions. IRC 5000 can be mixed with potassium hydroxide in a hot vat to enhance cleaning effectiveness on isocyanates. This product is an excellent non-fuming alternative to MEA, requiring no flare.
- ◆**META-PHOS RUST INHIBITOR** - Very effective acidic cleaner for removing rust and scale. Leaves a finish in iron tanks to resist iron oxide formation.
- ◆**NEUTRAL DEODORIZER** - A-ONE's classic deodorizing detergent. Neutral offers excellent odor neutralization at an economical price. This product is commonly used in the tank cleaning industry, leaving clean trailers with a fresh neutral scent.
- ◆**NEUTREX 990** - Odor neutralizer for Vinyl Acetate Monomer. For use in vapor scrubbers and on spills. Water Soluble.
- ◆**POLY-KLEEN CONCENTRATED POLYMER CLEANER** - Highly concentrated polymer cleaner and dispersant. Apply as a presolve before steaming tank or trailer. Poly-Kleen is formulated to inhibit polymerization and prevent line and valve clogging during wash out process.
- ◆**POWERKLEEN 6000 NEUTRAL PH DETERGENT** - Highly recommended for customers with very sensitive waste water treatment systems. PowerKleen 6000 is phosphate-free and carries a neutral pH. This product is excellent for degreasing and general purpose cleaning.
- ◆**RUTHLESS PAINT & DECAL REMOVER** - This gel-based product is the strongest and most effective decal and paint remover on the market. Once applied with paint roller or brush, even the oldest and most baked-on decals can be easily removed with a pressure washer. Afterwards, clean the trailer with Dyna-Brite and you will be left with an even finish, free of any old decal outlines.
- ◆**TRI CLEAN 1000B** - Strong, fast acting naphtha-based resin remover. Also great for breaking down rubber and plastic.
- ◆**TW 3100 TRUCK & CAR WASH DETERGENT** - This powdered detergent is excellent for cutting dirt and road grime. Friendly on paint and glass. Leaves polished aluminum surfaces with nice shiny finish.
- ◆**WINDSHIELD WASH** - Ready-to-use windshield wash fluid. Winter blend available for lower freeze point.
- ◆**Z-400** - Acrylate detergent and odor neutralizer for vessel cleaning. Evergreen or Hide-Away scent.
- ◆**Z-500S** - Highly concentrated degassing compound for hydrocarbon tank cleaning. Dilutes with water for use. Lowers LEL levels for tank entry in short time.

PRESSURE WASHERS/ STEAM CLEANERS

HOT& COLD WATER ♦ GAS/ELECTRIC/DIESEL♦ STATIONARY& MOBILE

♦ WHITO-ALKOTA Distributor



Whitco DPO
1030



♦ Units range from 500-7,000 PSI – STEAM MACHINES TO 250 PSI



Whitco
5035 IV
GPO (left),

Whitco
5050 DPO
(right)



♦ We represent the entire Whitco portfolio ensuring the proper machine for the job

[**See Sales Representative for more information](#)

SPECIALTY APPLICATION EQUIPMENT



◆**PASSIVATION:** Foggers- used for passivation, deodorizer & presolve

Results from foggers:

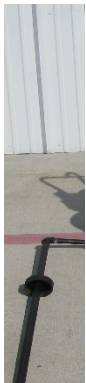
Before passivation-



After passivation-



◆**PRESOLVE:** Eliminator Kit- used for recirculating presolve & diesel



VAPOR SCRUBBING EQUIPMENT



We offer custom built scrubber design and manufacturing based on customer need. Our unique understanding of odor control chemistry make us the right choice when considering vapor scrubbers.

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VAPOR SCRUBBERS
FOR:**

- Tank trailer cleaning
- Railcar cleaning
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- Chemical plants
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CUSTOM BUILT WASH RACK EQUIPMENT

◆ VATS - WORK PLATFORMS - TIP OUTS



◆ SOLVENT RECIRCULATION & STRIPPER SYSTEMS:



** See Sales Representative for more information

CHEMICAL VAT REFERENCE SHEET

◆To Calculate Volume of a Vat

Rectangular

Length x Width x Height = Cubic Feet (ft³)

Cubic Feet x 7.47 = Gallons

Round

3.417 x (Radius)² x Height = Cubic Feet

Cubic Feet x 7.47 = Gallons

-Ex: Rectangular Vat – Vat 4' x 6' x 6' = 144 Ft³
144 x 7.47 = 1,075 Gallons

-Ex: Round Vat – Vat 8' Diameter Tank x 8' High
Radius – 8/2 = 4² = 16
3.1417 x 16 x 8' = 402.14 Ft³
402.14 Ft³ x 7.47 = 3,004 Gallons

◆Calculate % of Chemical to Add to Vat

Volume of a Vat x % of Chemical Needed = Gallons

Ex: Charge 600 Gal. Vat with 4% Dyna-Solv 101

4% = .04

600 x .04 = 24 Gallons

◆Calculate Ratio of Chemicals to Water

Ex: 5:1 Dilution Ratio in a 400 Gal. Hose Vat

[1/Dilution#] x 400 = Gallons

1/5 x 400 = Gallons

.2 x 400 = 80 Gallons

◆Calculate Amount of Powder Latex Stripper to Charge a Vat

Mix Instruction – 1 lb to 4 Gallons of Water

Vat Size = 700 Gallons

1 lb/ 4 Gallons = .25 or 25% Powder in the Solution

.25 x 700 Gallons = 175 lbs

Drum = 400 lbs

Bucket = 40 lbs 175/40 = 4.375 Buckets of Powder

CAUSTIC TITRATION TABLE

Gallons of 50% Liquid Caustic

DESIRED TITRATION

Tank Volume (Gal)	2	3	4	5	6	7	8	9	10	11	12	13	14	15
25	1		1	1	2	2	2	2	3	3	3	3	4	4
50	1	2	2	3	3	4	4	5	5	6	6	7	4	4
75	2	2	3	4	5	5	6	7	8	8	9	10	11	12
100	2	3	4	5	6	7	8	9	10	11	12	13	14	15
125	3	4	5	6	8	9	10	12	13	14	15	17	18	19
150	3	5	6	8	9	11	12	14	15	17	19	20	22	23
175	4	5	7	9	11	13	14	16	18	20	22	23	25	27
200	4	6	8	10	12	14	16	19	21	23	25	27	29	31
225	5	7	9	12	14	16	19	21	23	25	28	30	32	35
250	5	8	10	13	15	18	21	23	26	28	31	33	36	39
275	6	8	11	14	17	20	23	25	28	31	34	37	40	42
300	6	9	12	15	19	22	25	28	31	34	37	40	43	46
325	7	10	13	17	20	23	27	30	33	37	40	44	47	50
350	7	11	14	18	22	25	29	32	36	40	43	47	50	54
375	8	12	15	19	23	27	31	35	39	42	46	50	54	58
400	8	12	16	21	25	29	33	37	41	45	49	54	58	62
425	9	13	18	22	26	31	35	39	44	48	53	57	61	66
450	9	14	19	23	28	32	37	42	46	51	56	60	65	70
475	10	15	20	24	29	34	39	44	49	54	59	64	68	73
500	10	15	21	26	31	36	41	46	52	57	62	67	72	77
525	11	16	22	27	32	38	43	49	54	59	65	70	76	81
550	11	17	23	28	34	40	45	51	57	62	68	74	79	85
575	12	18	24	30	36	41	47	53	59	65	71	77	83	89
600	12	19	25	31	37	43	49	56	62	68	74	80	87	93
625	13	19	26	32	39	45	52	58	64	71	77	84	90	97
650	13	20	27	33	40	47	54	60	67	74	80	87	94	100
675	14	21	28	35	42	49	56	63	70	76	83	90	97	104
700	14	22	29	36	43	50	58	65	72	79	87	94	101	108
725	15	22	30	37	45	52	60	67	75	82	90	97	105	112
750	15	23	31	39	46	54	62	70	77	85	93	100	108	116
775	16	24	32	40	48	56	64	72	80	88	96	104	112	120
800	16	25	33	41	49	58	66	74	82	91	99	107	115	124
825	17	25	43	42	51	59	68	76	85	93	102	110	119	127
850	18	26	35	44	53	61	70	79	88	96	105	114	123	131
875	18	27	36	45	54	63	72	81	90	99	108	117	126	135
900	19	28	37	46	56	65	74	83	93	102	111	121	130	139
925	19	29	38	48	57	67	76	86	95	105	114	124	133	143
950	20	29	39	49	59	68	78	88	98	108	117	127	137	147
975	20	30	40	50	60	70	80	90	100	110	121	131	141	151
1000	21	31	41	52	62	72	82	93	103	113	124	134	144	155

Directions:

- 1** Determine amount of tank volume lost. Locate valve in tank volume column.
- 2** Read across line from the amount in tank volume column until you intersect with desired titration column.
- 3** Read amount in gallons of 50% liquid caustic.

ODOR CONTROL PRODUCT APPLICATION

Product to be Deodorized	Acronel WS-27	Acronel SS-30	Z-400 Conc.	WS-27 Special	Hide away	OD-62 Series	Poly Scrub	Phos-Scrub	OD-62 Oil Based	Hide away Plus	Captoban	Captoban Plus
Ethyl Acrylate	X/S	X	X	X/S	-	-	-	-	-	-	-	-
Methyl Acrylate	X/S	X	X	X/S	-	-	-	-	-	-	-	-
Butyl Acrylate	X/S	X	X	X/S	-	-	-	-	-	-	-	-
Iso-Butyl Acrylate	X/S	X	X	X/S	-	-	-	-	-	-	-	-
Methyl Methacrylate	X/S	X	X	X/S	-	-	-	-	-	-	-	-
2-Ethyl Hexyl Acrylate	X/S	X	X	X/S	-	-	-	-	-	-	-	-
Acrylic Acid	X	X	X	X/S	X	-	-	-	-	X	-	-
DimethylAmine & TrimethylAmine	-	-	-	-	-	-	-	X	-	-	-	-
Butyl Phenol	-	-	-	-	-	-	-	-	-	X	X	-
Butyric Acid	-	-	X	-	X	-	-	-	-	X	X	-
Styrene Monomer	X/S	-	X	X/S	-	-	-	-	-	-	-	-
Waste Grease, Oil, Fats	N/A	-	-	N/A	-	N/A	N/A	-	N/A	N/A	N/A	N/A
Hydrocarbon Odors	-	-	-	-	X	X	-	-	X	X	X	N/A
Organic Waste Odors	-	-	-	-	X	X	-	-	X	X	X	X
Smoke Odors	-	-	-	-	X	-	-	-	-	X	-	N/A
Mask for Use with Acronel Products	-	-	-	-	X	X	-	-	-	X	X	X
Mist Deodorizing	-	-	-	-	X	X	-	-	-	X	X	-
Acrylate Ground Spills	X	X	X	N/A	-	-	-	-	-	-	-	-
All Purpose Deodorizing	-	-	-	-	X	X	x	-	N/A	X	X	-
Sulfur & Mercaptan	-	-	-	-	N/A	-	-	-	X	X	X	X

Legend: **X**- Best Product For Use / **Dash** – Not Recommended / **N/A** – No Information Available / **S** – Designed Also for Vapor Scrubbing