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- Wash bays
- And many others...



United States
PENETONE CORPORATION
 125 Kingsland Avenue
 Clifton, NJ 07014
1.800.631.1652

PENETONE CORPORATION
 8201 4th Street, Unit G
 Downey, CA 90241
1.800.421.6211

Canada
WEST PENETONE INC.
 10,900 Secant St
 Anjou, Quebec H1J 1S5
1.800.361.8927

WEST PENETONE INC.
 11411-160 Street
 Edmonton, Alberta T5M 3T7
1.866.454.3919

www.penetone.com

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PRODUCT GUIDELINE
for Industrial Cleaning



DEGREASERS

	Products	Description	Features and Benefits
CITRUS DEGREASERS	CITRIKLEEN	Very efficient for cleaning spills or stains composed of lubricant oils and grease, cutting oils, rubber marks, wax, printing inks, certain adhesives as well as many other deposits.	<ul style="list-style-type: none"> Water emulsifiable Reduces toxic wastes Economical since it is water dilutable
	CITRIKLEEN CR34	Our fastest penetrating Citrikleen; penetrates through clay and other soils to lift and degrease faster and better than ever before. Designed specifically for industrial wash bays and heavy industrial areas.	<ul style="list-style-type: none"> Highly effective and fast acting Phosphate and Butyl free Safe on most metal surfaces
	CITRIKLEEN CA35	All of the benefits of Citrikleen but with increased solvency. Cleans soils such as heavy grease, oils, carbonized deposits, tars, lubes.	<ul style="list-style-type: none"> Reduces or eliminates the need for petroleum distillate based solvents Higher viscosity for longer contact time on surfaces
	CITRIKLEEN HD	A highly concentrated degreaser and carbon remover that is safe for a variety of metal-based surfaces. Removes Heavy oils and grease, carbonized deposits, tar, used lubricants, etc.	<ul style="list-style-type: none"> Non-corrosive on most metal surfaces Biodegradable Highly concentrated
SOLVENT DEGREASERS	ENVIROSOL	Removes stubborn deposits such as tar, bitumen, heavy crudes, and carbonized soils from a variety of surfaces.	<ul style="list-style-type: none"> Compatible with most metallic and plastic surfaces May be used for engine cleaning May be used for de-waxing new vehicles
	HD-2	High distillate grade solvent blend designed for shop or enclosed space degreasing. It provides a longer dwell time for removing stubborn foulant from lines, vessel parts, and other refinery equipment by minimizing the evaporative loss associated with the use of xylene and toluene.	<ul style="list-style-type: none"> Compatible with most metallic and non metallic surfaces Disperses hydrocarbon sludge and foulant accumulation Low odor
	PENMUL R950T	Water emulsifiable solvent designed for heavy tasks. It is designed to dissolve difficult to remove deposits, such as: tar, asphalt, heavy petroleum, and carbonized hydrocarbons on surfaces.	<ul style="list-style-type: none"> May be rinsed with water High flash point Relatively mild odour
	RAMEX	Economical solvent cleaner designed for heavy duty tasks. It removes stubborn deposits such as tar, bitumen, heavy crudes, and carbonized soils from surfaces.	<ul style="list-style-type: none"> Ready to use Cost efficient Powerful and fast acting
	RAMSOL	Designed for a variety of applications. It removes stubborn deposits such as tar, bitumen, heavy crudes, and asphaltenes from a variety of surfaces.	<ul style="list-style-type: none"> Powerful and fast acting Compatible with most metallic and non metallic surfaces
	RAMSOL BCX	Designed for removing stubborn deposits such as tar, bitumen, heavy crudes, and asphaltenes from lines and vessels and other refinery equipment in circulation applications.	<ul style="list-style-type: none"> Powerful and fast acting Compatible with most metallic and non metallic surfaces Diluted with water
ALKALINE DEGREASERS	AS LIQUID	AS LIQUID is a high pH, industrial strength degreaser designed to provide rapid dispersion and removal of heavy oils or greases, soils, and other organic materials.	<ul style="list-style-type: none"> May be used in automatic foaming systems Solvent free No odor
	CYCLONE	Versatile, mild alkaline cleaner and degreaser designed to remove a multitude of grease or oils, dirt, debris, and residues safely from a variety of surfaces.	<ul style="list-style-type: none"> Compatible with most metallic and non metallic surfaces High foaming Versatile application methods
	METASOL	High-foaming degreaser and metal brightener that was specially designed for fin fan cooling systems and heat exchangers.	<ul style="list-style-type: none"> Leaves a "like new" shine on metal surfaces Low viscosity Industrial strength detergency
	PENBLITZ 688L	Designed for bulk removal of hydrocarbon sludge. PENBLITZ 688L is effective for various types of vessel cleaning.	<ul style="list-style-type: none"> Good for removing sulphides and asphaltenes May be used in hot dip tank applications Capacity for scale and corrosion control
	WEST FL	Non-foaming alkaline liquid designed for use in recirculating systems as an alkaline or neutralizing procedure.	<ul style="list-style-type: none"> High alkalinity Completely water soluble No residue left after rinsing



SCALE & OXIDE REMOVAL

Products	Description	Features and Benefits
ACID WASH 201	Heavy-duty acid cleaner designed for cleaning aluminum.	<ul style="list-style-type: none"> Very rapid action May be used in a high pressure system
NEUTRO 7	Modified mineral acid blend designed for neutralizing spent alkaline dip tank, parts washer, and chemical circulation fluids.	<ul style="list-style-type: none"> Concentrated mineral acid No odorous gases
PENSCRUB A-150	Removes hydrogen sulfide and pyrophoric iron in one step acid circulation or immersion flush.	<ul style="list-style-type: none"> High acid strength Low-fuming Easily diluted Corrosion inhibitor
PENSCRUB AG-150	Low pH scale mitigation aid designed to control hydrogen sulfide gas in post-operational cleaning procedures.	<ul style="list-style-type: none"> Contains corrosion inhibitor Controls residual iron scale precipitation
WEDAC	Designed to remove scale, rust, restore oxidized aluminum surfaces and prime metallic surfaces.	<ul style="list-style-type: none"> Effective on many types of metals May be used with foaming equipment

DECONTAMINATION (L.E.L. REDUCTION AIDS)

Products	Description	Features and Benefits
ROC 40	Enzymatic product used for all vessel entry procedures. It penetrates foulant to mitigate benzene and LEL emissions, H ₂ S gas and pyrophoric iron.	<ul style="list-style-type: none"> Wastewater friendly Versatile application methods Near-neutral pH Non-hazardous
ROC 45	Surfactant formulation used for all vessel entry procedures requiring more cleaning power. It emulsifies more foulant while providing additional mitigation.	<ul style="list-style-type: none"> Compatible with all metallurgy Wastewater friendly No VOC's Near neutral pH
ROC 55X	Used for liquid phase applications requiring the removal of high H ₂ S concentrations as well as for foulant removal and LEL reduction.	<ul style="list-style-type: none"> Winterized formula suitable for up to -49°C (-56,2°F) Useful for effective batch treatment
ROC 60VP	ROC 60VP is used in vapor phase applications requiring the removal of high H ₂ S concentrations as well as for foulant removal and LEL reduction.	<ul style="list-style-type: none"> Eliminates higher concentrations of H₂S than ROC 40/45 Stable under high temperature

SURFACTANT BLEND

Products	Description	Features and Benefits
LEMON LITE INDUSTRIAL	Heavy duty detergent/degreaser additive designed for general cleaning applications requiring the removal of oils and grease from parts and equipment.	<ul style="list-style-type: none"> Caustic free Phosphate free Solvent free No VOC's
WEST SURF 10	Additive designed to improve detergency of blends applied in vessel decontamination.	<ul style="list-style-type: none"> Easily diluted Remediating LEL and H₂S gas contamination



H₂S SCAVENGER

Products	Description	Features and Benefits
FORMULA 1	Removes H ₂ S contamination in one step for reduction of volatile headspace emissions. Used in tanks or vessels.	<ul style="list-style-type: none"> Winterized formula suitable for up to -50°C (-58°F) Non-corrosive and fast-acting.
PENETONE 8500H	Specifically designed to remove hydrogen sulfide from produced gas streams without creating excessive solids precipitation.	<ul style="list-style-type: none"> For use in contact tower sweetening units or through a gas stream Water soluble
SCAVEX	Removes H ₂ S contamination during chemical circulations. For use in tanks or vessels containing sour fluid atmospheres.	<ul style="list-style-type: none"> Surfactant and corrosion inhibitor. Useful for effective batch treatment
SCAVEX AG	Removes H ₂ S in liquid phase applications where triazine or formaldehyde derivatives are incompatible, unstable or unsuitable.	<ul style="list-style-type: none"> No precipitation by-products Readily biodegradable
SCAVEX OS	Removes H ₂ S from the oil phase in one step. Also useful for effective batch treatment applications.	<ul style="list-style-type: none"> Can be stored outside Active sludge dispersant
SCAVEX VP	Removes H ₂ S contamination during vapor and high temperature liquid phase chemical circulation procedures in one step.	<ul style="list-style-type: none"> Contains no added formaldehyde Can be stored outside

PYROPHORIC SCALE REMOVAL

Products	Description	Features and Benefits
IRON SULFIDE DISSOLVER	75% aqueous solution of THPS useful for the dissolution of various forms of iron sulfide mineral deposition.	<ul style="list-style-type: none"> Readily biodegradable Low toxicity
IRON SULFIDE DISSOLVER OPP	One-Pack Product for the remediation of mild to moderate iron sulfide mineral deposition without the acid gas emissions.	<ul style="list-style-type: none"> Product coloration changes with saturation Easily diluted
IRON SULFIDE DISSOLVER OSP-1	For the remediation of mild to moderate iron sulfide mineral deposits entrapped in hydrocarbon fouling.	<ul style="list-style-type: none"> Contains corrosion inhibitor Reduces turnaround time
PERMANGANATE SOLUTION	4% aqueous solution of potassium permanganate useful for the remediation of finely dispersed iron sulfide mineral deposition.	<ul style="list-style-type: none"> Product coloration changes with depletion Reduces turnaround time

SULFUR SOLIDS REMOVAL

Products	Description	Features and Benefits
OXYBRITE SB	29.5% active hydrogen peroxide-based product designed for remediation of hydrogen sulfide and pyrophoricity problems.	<ul style="list-style-type: none"> Stabilised peroxide based Highly concentrated Non foaming
OXYBRITE SB-1.5	0.5% active hydrogen peroxide-based product designed for remediation of sulfur-bearing solids.	<ul style="list-style-type: none"> pH-adjusted Non-hazardous and non-TDG regulated
OXYBRITE SB-5	1.5% active hydrogen peroxide-based product designed for remediation of sulfur-bearing solids.	<ul style="list-style-type: none"> Spent solution requires no specialized handling Dilute concentration reduces gas production