Apex Industrial Chemicals Limited

Oil, Gas & Energy

Powerful – Safe – Green







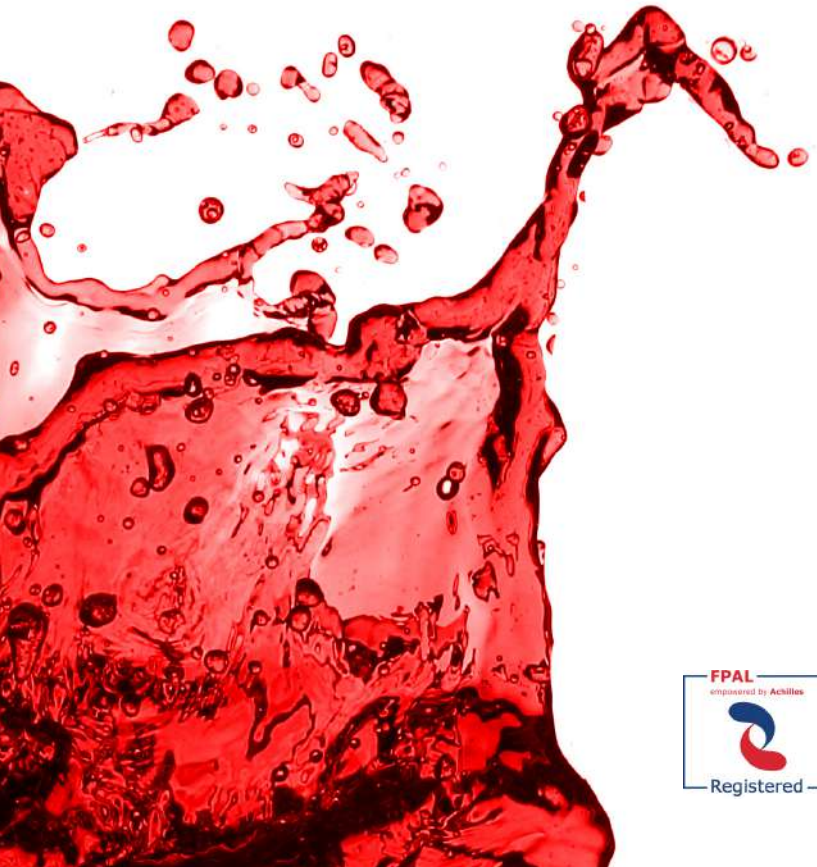
Formulate.
Manufacture.
Supply.
Support.

Following over 30 years of experience and listening to our customers, we completely understand the requirements of the oil, gas and energy markets. Our products are formulated for specific applications within this unique market. Designed to offer not just undeniable high performance but also excellent safety and environmental credentials by utilising the most up to date chemistry.



Product Range

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FPAL empowered by Achilles Registered

bsi. ISO 14001 Environmental Management

bsi. ISO 9001 Quality Management



Wax, Tar & Crude Removal

Dewax PA

Overview: Removes deposits of wax, oil and heavy crude from a very wide variety of topsides equipment and surfaces. Built from specially selected and purified solvents to allow highly effective results with much less environmental impact than older products.

Features: Gold Banded, CEFAS registered, no sub-warning.

Flash point: High flash-point, low vapour pressure product ensures optimum operator safety for its application area.

Effective: Works well at ambient temperatures however, in application, it can benefit by being used heated to about 40-50 maximum. This often dramatically increases, especially, the rate of break-up of waxy deposits

Dewax RX

Overview: Quickly removes deposits of wax, tar, pitch and asphaltenes from a very wide variety of topsides equipment and surfaces. Dewax RX has a strong penetrating action, ensuring that deposits can be washed away from surfaces even when contact is intermittent.

Dewax RX is built from specially selected and purified solvents to allow highly effective results with much less environmental impact than other products.

Features: Gold Banded, CEFAS registered and no sub-warning.

Effective: Cuts through heavy crude and asphaltene wax. Will also dissolve crude/ wax above the soak line.

Speed: Fast penetration ensures minimal circulation and soak time.



Cleanup DG-N

Overview: Designed for use where mud residues have penetrated production vessels and systems where crude oil, lube oil or fuel oil residues need to be removed to allow further work or inspection.

Features: Gold Banded, CEFAS registered, no sub-warning. Also registered for use in Norway with a "Yellow" certification.

Dual Action: High flash-point, low vapour pressure product ensures optimum operator safety for its application area.

Effective: Combines effective oil emulsification and surface wetting capability. Cleanup DG-N will rapidly remove oily deposits from surfaces by circulation and leave metal surfaces in a good condition ready for corrosion or scale removal treatment.

Flexible: Allows dilutions in fresh water, salt water and brines, including divalent brines.

Super-Solv

Overview: A versatile, well proven product for the removal of heavy oil, crude oil sludges and sticky, greasy or waxy deposits from interiors of pipework, heat exchangers hydro-cyclones, receiving vessels and many other items of oilfield equipment.

Features: Silver Banded, CEFAS registered, no sub-warning.

Ozone-Friendly: Safely degreases without causing harm to the environment.

Effective: Slow drying formulation ensures removal of even heavy grease, oil and wax without re-deposition.

Safe:: High flash point formula eliminates fire-risk in use.



Corrosion Removal & Prevention

Rustex C

Overview: A safe, organic-based product for the removal of rust, corrosion deposits and incidental scales from a wide variety of surfaces. Rustex C can be heated for rapid removal of rust and corrosion deposits. Rustex C removes rust without fume or major environmental impact. Versatile Rustex C may also be used safely where strip-down is not feasible and mixed metals, for example both carbon steels and stainless steels, exist in the same module.

Features: CEFAS registered, Group E product with no sub-warning

Uses: Carbon steels, stainless steels and thermoplastics.

No Transport Class: No onerous paperwork or special transport required.

Concentrated: Save on shipping costs and storage space.

Rustex DC

Overview: Designed for the removal of rust and other iron oxides, including magnetite, from steel surfaces. Formulated with novel, environmentally friendly inhibitors which allow effective rust removal without any significant level of attack on the metal itself. Rustex DC promotes a bright, clean finish to steel surfaces and prevents flash re-rusting for a short period after treatment.

Features: Gold Banded, CEFAS registered and no sub-warning.

Uses: Carbon Steel and Stainless Steels.

Powerful: Delivers rapid removal of rust, corrosion deposits and incidental scale.

Safe: Safe on steels and operator.

Concentrated: Save on shipping costs and storage space.



DS-110X (1:4)

Overview: A water-soluble corrosion inhibitor for the protection of steel pipeline internals, ideal for application following a rust or scale removal treatment from AIC's product range. DS-110X (1:4) provides enhanced protection against re-rusting in such lines stored empty.

Features: CEFAS registered, Group E product with no sub-warning

Uses: Prevents re-rusting of carbon steels.

No Transport Class: No onerous paperwork or special transport required.

Concentrated: Pre-diluted for easier handling in off-shore situations.

Scale Removal



Dizzolve

Overview: Dissolver for difficult scales including those arising from deposition of acid-resistant barium and strontium salts. This product will also dissolve calcium and magnesium sulphates and can be used to effectively solubilise radio-active scales (NORM).

Features: CEFAS Registered and Gold Banded.

Uses: Process vessels, heat exchangers, pipework and similar equipment.

Safe: As this product is not strongly acidic or alkaline, it is safer in use than many other products.

Strong: Has the highest capacity for Barium and radioactive scales of any commercial scale dissolver.

FeSSol A&B

Overview: Carefully balanced to dissolve iron and calcium sulphide and related materials while simultaneously trapping the sulphide and preventing its release of gas.

Features: Gold banded, CEFAS Registered and no sub-warning.

Uses: Carbon and Stainless Steels, Titanium.

Safe: Holds H2S gas within the solution, preventing the need for breathing apparatus and ensuring a safe working environment.

Effective: Dissolves iron sulphide scale quickly and effectively.

No Transport Class: Save on onerous paperwork and special measures, allowing a simpler shipping process.



Lancer HTP

Overview: Removes acid sensitive scales and corrosion deposits. Stable and effective at elevated temperatures and pressures and effective descaling without any risk of damage to metals. This product is especially intended for the removal of carbonate and similar scales in risers.

Features: CEFAS registered, Group E product with no sub-warning

Uses: Safe on a variety of steels, including Duplex and Super Duplex.

Safe on Steels: Use on stainless steel and super duplex with no risk of stress-corrosion cracking.

No Transport Class: No need for onerous paperwork and special transport measures.

Concentrated Product: Save on shipping costs and storage product.

Lancer SRC

Overview: Removes carbonate and oxide scales. Environmentally friendly inhibitors which allow effective action without any significant level of attack on steel itself. Also ideal for the removal of adherent mollusc, etc. shells from metals and surfaces.

Features: Gold Banded, CEFAS Registered and no sub-warning.

Uses: Carbon and stainless steels, titanium, plastic and ceramic surfaces.

Safe on Steels: Use without concern to corrosion on either mild or stainless steel surfaces.

Powerful: Delivers rapid removal of scale and bio-fouling.

Non-fuming: no inhalation hazards.

Concentrated: Save on shipping costs and storage space.



Well-Bore Clean Up

Wellbore Cleaner

Overview: A combination product for use as a casing cleaner in both oil-based and water-based drilling fluid displacements.

Features: Gold Banded, CEFAS registered (UK and Netherlands) and no sub-warning

Effective: Delivers effective emulsion inversion, solids wetting and flocculation and casing surface wetting in one product.

Flexible: Gives exceptional results when used in potable water, sea-water or any type of brine used offshore, including high strength divalent brines. Pills may be viscosified with any normal viscosifier additive.

Combined Action: combination of best available technologies reduces casing clean-up time and minimises number of pills required.

Pipe-dope Cleaner

Overview: A product for the removal of pipe-dope residues within drill pipe and casing. Thoroughly tested against a wide range of pipe-dope brands, this technology has demonstrated excellent removal action on all common metallic and non-metallic pipe-dope products in current use.

Due to its insolubility in water, this product may be either pumped as one treatment and reversed out, or may be pushed ahead of most other aqueous pills such as surface wetters, acid pickles etc.

Features: Gold Banded, CEFAS Registered (UK and Netherlands) and no sub-warning.

Versatile: Effective on most pipe-dope types, including modern metal-free products.

Eco-friendly: Biodegradable, surface volatile and of low eco-toxicity. Used with confidence in offshore operations.

OSPAR Compliant: Allows registration in any OSPAR member state.



Sand Cleaning Additives

Sandclean-Solv

Overview: A heavy duty crude oil extracting, thinning and lifting solvent. Designed for the use in the clean-up of sands and other mineral deposits.

Sandclean-Solv has been specially formulated to provide effective extracting, thinning and lifting action, allowing sands to be thoroughly freed of hydrocarbon contaminants and allowing safe and legal overboard disposal.

Features: Gold Banded, CEFAS registered (UK and Netherlands) and no sub-warning

Effective: Reduces hydrocarbon levels to well below agreed limits without the use of further treatment. Rapidly extracts, thins and lifts crude oil and paraffinic wax deposits on sands.

Green: Low eco-tox, non-SUB, quick seperation formula allows effective use and reduction of environmental risk.

Sandclean-Surf

Overview: A crude oil emulsifier and surface wetter. Designed for clean up of sands and other mineral deposits.

Sandclean-Surf has been specially formulated to provide effective extracting and emulsifying action, allowing sands to be thoroughly freed of hydrocarbon contaminants and allowing safe and legal overboard disposal. This product is commonly used after a Sandclean-Solv treatment to provide final, ultra-low level hydrocarbon residuals.

Features: Gold Banded, CEFAS registered (UK and Netherlands) and no sub-warning

Effective: Rapidly emulsifies and releases crude oil deposits on sands.

Safe: Water-based, non-corrosive, non-flammable formulaa.



Packer and Completion Fluids

Bio-Free+

Overview: A biocide suitable for use in water-based drilling fluids, flushing fluids and packer fluids to prevent the growth of bacteria, including the corrosion-supporting S.R.B fungi and yeasts. Compatible with all brine types and sea-water and, when used as directed, is fully compatible with AIC corrosion inhibitor and with AIC oxygen scavenger additives.

Features: Gold Banded, CEFAS registered and no sub-warning.

Broad-spectrum: One product will control a wide range of mico-organisms, including S.R.B, keeping the process simple.

Cross-compatible: With related AIC additives ensures multi-function additions with no compatibility issues.

Biosul-Free+

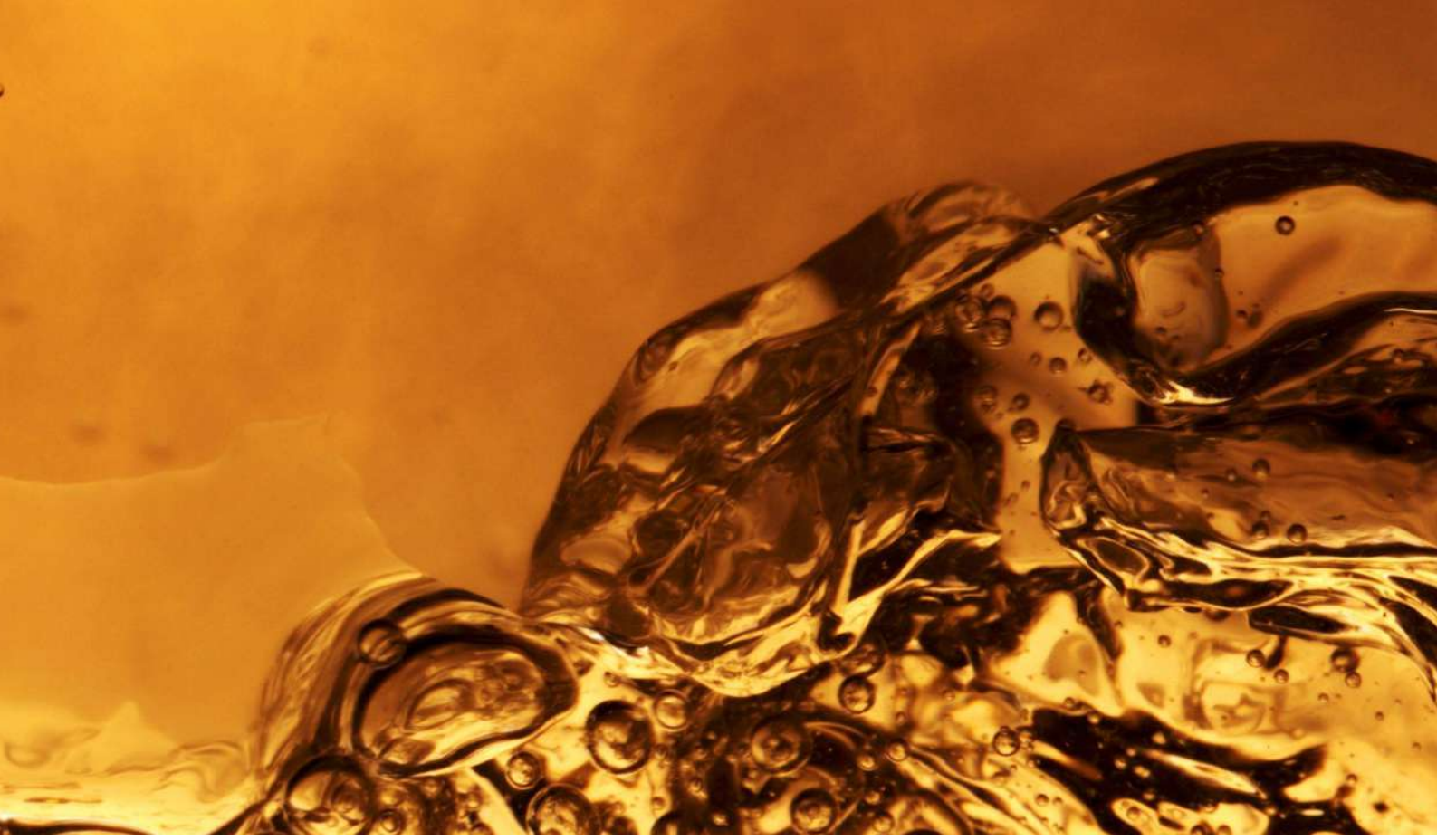
Overview: Effective bacterial control of S.R.B and other organisms with active sulphide scavenging ability.

Fast and effective broad-spectrum action makes this product ideal for treatment of used drilling mud and operational slops, as well as for long term protection of packer fluids, produced water and other fluids.

Features: Gold Banded, CEFAS registered and no sub-warning.

Effective scavenging: Quickly and effectively removes existing hydrogen sulphide while eliminating the S.R.B source - keeps fluids sweet indefinitely.

Concentrated: Save on shipping costs and storage space.



Sour-Free+

Overview: A Hydrogen Sulphide scavenger suitable for use in water-based drilling, flushing and packer fluids to adsorb and eliminate the emission of toxic Sulphide gas which could be released by S.R.B and similar organisms.

Features: Gold Banded, CEFAS Registered (UK and Netherlands) and no sub-warning.

Safe & Effective : Sour-Free+ is an effective and safer alternative to Triazine-based scavengers and is suitable for use in a wide range of pH environments from moderately acidic to alkaline and is stable at temperatures up to 150C

Cross-compatible: With related AIC additives ensures multi-function additions with no compatibility issues.

Concentrated: saves deck space, unlike similar diluted products.

Oxy-Free+

Overview: A safe and very environmentally friendly oxygen scavenger product designed in packer fluids, sea-water and brine flushing fluids and other water-based fluids to assist in preventing oxygen-mediated corrosion of steel. Normally used in conjunction with aqueous film-forming corrosion inhibitors to provide enhanced action.

Features: Gold Banded, CEFAS Registered (UK and Netherlands) and no sub-warning.

Effective: rapid and predictable dissolved oxygen reduction provides optimum results in use.

Flexible: No issues over brine choice as compatible with all common types.

Green: low-toxicity, biodegradable product assures safe use with minimum environmental impact.



Fuel & Potable Water Additives

Chloro-56

Overview: A dry-powder product for use in the sterilisation of water. Suitable for use in the sterilisation of water for drinking purposes and cooking purposes when used at chlorine-equivalent dosage rates to national guidance standards.

Versatile: May also be used for the sterilisation of water used in offshore training pools. Ideal for use on ships and oil-installations offshore, in training centres, test centres and in water used for cooling purposes.

Powerful: Provides 56% available chlorine - much stronger than any liquid - saving on storage space.

Stable: Dry powder, when stored correctly, retains its strength for very long periods, unlike liquid chlorine products.

D-Tex

Overview: A highly effective biocide specifically formulated to control and eradicate aerobic and anaerobic bacteria in fuel and stock tank bottoms. Completely water soluble, D-Tex rapidly attacks the bacteria in the water phase and at the interface and has proven effectiveness in many areas of application.

D-Tex prevents the growth of organisms, especially S.R.B, which can cause serious corrosion in fuel storage tanks and bunkers. Also prevents the generation of "mats" and "slimes" by organisms which can cause fuel filter blockage.

Powerful & Effective: Provides definite eradication and control of bacteria and other micro-organisms every time.



Stabil-Chlor 5

Overview: Specially formulated for the dosing of water for accommodation use on off-shore installations and other facilities without access to mains water supplies.

Concentrated Stabil-Chlor 5 sterilises the water and prevents the growth of bacteria and algae during storage. Specially stabilised, the product retains its activity for longer periods than simple hypo solutions, thus minimising waste.

Concentrated : Minimise storage space needed.

Low-viscosity liquid: Ensures simple and reliable dosage through automatic systems, including venturi feeds.

Stabilised: Allows product to be stored for longer than hypochlorite giving convenience and minimising waste.

Steri-Tank

Overview: Designed especially for the sterilisation of drinking water tanks and associated pipework, Steri-Tank combines ease of calculation and use with a specially stabilised formula which maintains its original chlorine level much longer than ordinary solutions of hypochlorite and similar materials.

Steri-Tank is ideal for use on offshore installations for operators who are wishing to ensure the supply of clean, safe drinking, washing or cooling water.

Stabilised Formula: Ensures you get the chlorine level you need, even if the product is not used immediately, unlike ordinary hypochlorite solutions.

Simple Dosage Rate: Allows correct amounts to be rapidly estimate for any system.

Matching Dechlorinator: Allows safe disposal of the treated waters without breaching the Water Authority Rules.

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