
Oilfield Production Chemicals
Processflux™ Refinery Chemicals

Uk Industrial Chemical Manufacturer Specialising in
Upstream & Downstream Oilfield Chemical Solutions.



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Uk Oilfield Chemical Manufacturer

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Processflux™ Refinery Chemical Treatments

Latest range of chemical treatments available to the Oil refining Industry



Features of Processflux™

Processflux™ is a range of highly effective Refinery Treatment additives which are used in the oil refining process, chemical process management and water treatment systems of a refinery. Processflux™ are used extensively Worldwide to ensure operation efficiency and are cost effective.

The Processflux™ range has been designed to increase the final finished fuels marketability and quality of crude oils that pass through the refinery. By increasing the plant efficiency and reducing the plant and equipment maintenance problems the Processflux™ range is been proven to improve quality and performance.

Processflux™ will maximise plant operations and reduce refinery maintenance costs.

Part of the Processflux™ range are designed with environmental impacts in mind. Our formulations have been shown to be inherently biodegradable. None of them are considered to be bio accumulating.

When determining the correct Processflux™ Treatment by the Chemiphase Technical Team, the following parameters will be assessed :

- ◇ Design of system and typical flow rates.
- ◇ Operating Temperatures
- ◇ Contact Time & Mixing Available
- ◇ Analysis of Carrying Fluid

Benefits of Processflux™ Treatments

- The Processflux™ range help oilfield refinery companies reduce non productive time for their operations by improving efficiency and downtime for equipment and maintenance issues.
- Processflux™ will increase energy efficiency, reduce hydrocarbon and greenhouse gas emissions whilst maintaining environmental compliance.
- Processflux™ have been used in the toughest environmental controlled areas adhering to strict regulations.
- Processflux™ refinery treatments maximise plant operations by improving feedstock flexibility, improving and maximising the throughput through the plant, meeting the crude oil & finished fuel specifications.
- Processflux™ are designed in a state of the art laboratory in the UK where our scientists are constantly evolving and creating the latest techniques and refining treatments.
- Processflux™ include process emulsion breaking, corrosion, fouling, and foam-control technologies. Plus, we have programs for treating and managing cooling water, boilers, raw water, and wastewater treatment.
- Chemiphase is committed to providing the highest quality products and services to its customers. Many of the products are produced in Lancashire, UK where the sites adheres to strict ISO:9001 standards.

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Corrosion Control, Desalting Operations, Cleaning and Pipeline Flow Reducers

Product Code	Technical Function	Desalting Optimisation
Processflux CT-C18-08	Demulsifier	Demulsifier designed for Desalting Operations & Water Removal
Processflux CT-C18-10	Demulsifier	Demulsifier designed for Desalting Operations & Water Removal
Processflux CT-C18-17	Demulsifier	Demulsifier designed for Desalting Operations & Water Removal
Processflux CT-C18-17	De-Oiler	De-Oiler designed to increase Oil Removal from Wastewater Stream

Product Code	Technical Function	Pipeline Flow Improvers
Processflux CT-C71-01	Drag Reducer	Crude Oil Pipeline Drag Reducer
Processflux CT-C71-02	Flow Improver	Process Pipeline Flow Improver for Crude Oil
Processflux CT-C71-03	Flow Improver	Process Pipeline Flow Improver for Crude Oil
Processflux CT-C71-04	Drag Reducer	Crude Oil Pipeline Drag Reducer

Product Code	Technical Function	Fuel treatment - Boiler & Oil Fired Heaters
Processflux CT-C73-01	Corrosion Inhibitor	High temperature corrosion control for heaters, furnaces & superheaters
Processflux CT-C73-02	Fuel Stabiliser	Fuel Stabilisers and antioxidant
Processflux CT-C73-03	Combustion Improver	Reduces burner tip fouling and increases combustion rates
Processflux CT-C73-04	Slag & Ash Fouling	Reduces slag and ash fouling of furnaces and heaters

Product Code	Technical Function	Fouling Control
Processflux CT-C75-01	Dispersant	Crude Antifoulant
Processflux CT-C75-02	Naphtha Hyrotreater	Antifoulant for fouling concerns in NHT preheat systems & Corrosion
Processflux CT-C75-03	Metal Deactivator	Metal Deactivator for Crude Oil Fouling
Processflux CT-C75-04	Antifoulant	Allows recovery of valuable hydrocarbons and minimises sludge

Product Code	Technical Function	Corrosion Control
Processflux CT-C17-04	Corrosion Inhibitor	High temperature profile Corrosion inhibitor—Sulfidic Corrosion
Processflux CT-C17-05	Corrosion Inhibitor	High temperature profile Corrosion inhibitor—Non Aqueous Naphthenic
Processflux CT-C53-04	Corrosion Filmer	Overhead Corrosion Control Filmer
Processflux CT-C53-02	Corrosion Neutraliser	Overhead Neutraliser for pH and Corrosion Control

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➤ Processflux™ Refinery Chemical Treatments

The Chemiphase Treatment Procedure & Safety Commitment

- ⇒ On site analysis usually bottle testing & then fully re-analyse back in the laboratory to ensure that the product that Chemiphase recommend is the best possible fit, highly effective, safe & cost effective.
- ⇒ Once a product has been recommended we offer on-site technical assistance for the product dosage rates and application points. This will include regular monthly site visits to ensure customer satisfaction.
- ⇒ This on-site technical service will continue to ensure that the product remains the best solution as the oilfield changes over the years.
- ⇒ At Chemiphase we take great pride in offering green, environmentally sustainable chemical solutions and as such all the products in the range are produced using environmentally friendly methods and where possible, are formulated to be fully biodegradable.
- ⇒ All our chemical ranges are formulated by our highly trained and vastly experienced chemists and are put through rigorous in house testing in our purpose built research and development laboratory. We subject our chemical ranges to the most stringent of testing to make sure our customers receive the best products, whilst also satisfying our need for constant product improvement.



Chemiphase Oilfield Chemical Solution's

- ◇ Oilfield Emulsifier's & Demulsifiers
- ◇ Oilfield H₂S Scavenger's
- ◇ Oilfield Corrosion Inhibitor's
- ◇ Wax & Paraffin Treatment Regimes for Oilfield Applications
- ◇ MEOR- Enhanced Oil Recovery Techniques
- ◇ Biocide & Scale Management
- ◇ Environmental Drilling Fluids



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