

## FLUSH CONCENTRATE

PART # 21946R1

### DESCRIPTION

**FLUSH CONCENTRATE (FC)** is specially designed for "in situ" cleaning applications of mineral-oil based residues. FC is a universal, heavy duty alkaline cleaner. Ecosterile offers a choice of many different specialized formulations for FC, including acid, alkaline, and solvent types as well as combinations to provide the optimum cleaning agent for the problem.

General: "Product-side" contaminants usually impair efficiency by retarding heat transfer, impeding product flow, or by contaminating the product. Processing columns and heat exchangers are examples of types of equipment in which these contaminants develop.



Fortunately, most process equipment adapts to "in situ" cleaning, including de-scaling operations. Using this modern method, the circulation of special cleaning solutions replaces manual scraping, brushing, abrading, chipping and jetting. No dismantling is required, thus reducing turn-around time. The chemical cleaner penetrates all surfaces, corners, crevices and hard-to-reach places. **FLUSH CONCENTRATE (FC)** does a better and faster cleaning job at less cost and is safer for equipment and personnel. Our capabilities include the efficient de-scaling of heat exchangers by in situ acid cleaning to de-aromatising and cleaning columns.

### APPLICATION:

FLUSH CONCENTRATE (FC) is a universal heavy-duty alkaline cleaner for oil residue, hydrocarbon residues, crude oils, asphalt, tar-like deposits, oil and grease and may be used to clean storage tanks, tank walls, tank wagons and trailers, vehicles, heat exchangers, pipelines, machinery, equipment, floors, etc.

### APPLICATION RINSING

▶ Immersion baths	Pure down to 1:1
▶ Circulating	Pure down to 1:1
▶ Steam cleaning	1:20 down to 1:50
▶ High-pressure cleaning	1:50 down to 1:100
▶ Hand or low-pressure spray	Pure down to 1:1

The selected temperature of the solution, which may range from 34° F up to 176° F (1°C up to 80° C), depends on the nature and thickness of the contamination. A higher temperature produces a more efficient and faster cleaning process. The greater the viscosity of the oil or grease deposit to be removed, the higher the temperature at which **FLUSH CONCENTRATE (FC)** should be applied.

#### ECOSTERILE MKTG. PVT. LTD.

Regd. Office : B-2001, Aditya Towers, V. P. Road, Mumbai - 400 004, Maharashtra, INDIA .  
Tel. : 91-22-3206 7007 Fax : 91-22-2385 6787  
email : info@ecosterile.com Website : www.ecosterile.com

Mfd. By : eOx Productie bv, le Lulofsdwarsstraat 117, 2521 AZ, The Hague, Netherlands

#### Disclaimer

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# ECOSTERILE

## ENVIRONMENTAL TECHNOLOGIES

### WORKING TIME

Depending upon the type and thickness of the contamination, the general cleaning time will be between 10 and 60 minutes. The removal of heavy hydrocarbon residues may require between 10 and 20 hrs. **FLUSH CONCENTRATE (FC)** is also formulated to produce rapid de-emulsification for use with a water/oil separator. After cleaning, the cleaned item is simply rinsed with water.

### SAFETY

Nonflammable - Bio-degradable- Solvent free

### PACKAGE

10 Ltr., 25 Ltr.; 210 Ltr., 1,000 Ltr.

### SHELL LIFE

LIFE 4 years

### STORAGE

Do not store under 35°F / 2°C and not above 122°F / 50°C Do not use below 35°F / 2°C.