

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. eOx 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. eOx, Inc. has developed a group of specialized materials, which are ideal for removing typical contaminants and scales by chemical circulation. By analyzing a sample of the contaminant and scale at our R&D facilities, eOX can custom-formulate the optimum **FLUSH CONCENTRATE (FC)** product for the job. eOx has a large inventory of specialized formulations, including acid, alkaline, and solvent types as well as combinations to ensure optimum cleaning performance. 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.

eOx, Inc.
USA: 4415 Saugus Ave., Ste #102, Los Angeles, CA 91403
Tel +1 949 350 2620 Fax: +1 818 788 0126

EUROPE: 1e Lulofsdwarsstraat 117, 2521 AZ, The Hague, Netherlands
Tel: +31 703 807 376 Fax: +31 703 841 476
www: eoxet.com email: info@eoxet.com

Disclaimer

eOx Inc. believes the information contained herein is accurate; however, eOx Inc. makes no guarantees with respect to such accuracy and assumes no liability in connection with the use of the information contained herein by any party. The provision of the information contained herein and the provision of information by or reliance on eOx Inc. Technical and Environmental Services Department is not intended to be and should not be construed as legal advice or as ensuring compliance with any country, federal, state or local laws and regulations.

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.

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. Using a sample of the contaminant, eOx will customize the optimum time required for circulation and determine the precise dilution and treatment temperature required to achieve maximum clean and minimal cost. **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	20 Lltr., 200 Ltr., 1,000 Ltr.
SHELL 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.