



## APEX CHEMICALS

### APEX-280

#### NEUTRAL HCF

- Special product based on solvents and non-ionic surface-active agent
- Remove most of the mineral oils and fats
- Safe on most common metals
- Approved by:
  - IMO
  - Coating Manufacturers

Epoxy	Compatible
Zinc	Compatible
Stainless Steel	Compatible

#### PRODUCT DESCRIPTION:

APEX-280 NEUTRAL HCF is specially designed for the cleaning and removal of animal and vegetable oils and other fatty materials in cargo tanks. Its neutral and low foaming properties make it suitable for cleaning tanks coated with zinc-silicate and other metallic surfaces.

#### APPLICATIONS

APEX-280 NEUTRAL HCF must be used when hydrocarbon-free cleaning is required and suitable for plastic, polyurethane, epoxy and zinc-silicate coatings.

#### DIRECTON FOR USE

##### TANK CLEANING

APEX-280 NEUTRAL HCF can be used in -recirculation or direct injection methods. APEX-280 NEUTRAL HCF is highly concentrated. For manual cleaning, APEX-280 NEUTRAL HCF can be diluted up to 30 parts of water depending on the degree of contamination.

It is recommended to pre-wash tank with hot water at about 50°C before applying APEX-280 NEUTRAL HCF. Transfer a 1-2% concentrated solution of APEX-280 NEUTRAL HCF into the tank to be cleaned. Allow circulation through a pumping system for a period of 2-5 hours.

APEX-280 NEUTRAL HCF is applied to the pre-wash system by spraying the tank surfaces thoroughly. Allow the solution to penetrate and react for about 30 minutes. Then rinse all the tank surfaces thoroughly with hot water at about 60°C. The dosage required for spray method is 10 ltr of APEX-280 NEUTRAL HCF to 1000 litres of washing water.

**Approval:** The composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V and may be discharged into the sea when used to clean cargo holds and external surfaces on ships.

#### PHYSICAL PROPERTIES

Appearance : Clear colourless to straw colourless  
Relative Density : 0.98 – 1.18  
Form : Liquid  
pH : 7.0 – 9.0

**Packaging** : Supplied in 200 litres non-returnable drums.



**Important information:**

Apex chemicals Safety Data Sheets are available. Safety Data Sheets contain health and safety information for proper products handling procedures to protect your employees. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using.

To the best of our knowledge, the information contained herein is believed to be accurate and reliable. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. The above-named supplier and its vendor make no other warranty or representations of any kind or implied, concerning the product including no implied warranty of merchantability. The product is offered solely for your consideration, investigation and verification. No license or immunity under any patents is granted or implied.

