



Quality Chemicals  
with  
excellent performance

## APEX CHEMICALS

### APEX-304

### CHLOR CLEAN

- Effectively removes pet coke and mineral deposits from cargo holds and tanks
- Active against germs and bacteria
- Can be used on all metals and metal alloys
- Non-flammable, non-toxic
- Soluble in seawater and fresh water
- Cost effective, easy to apply and use
- Approved by:
  - IMO
  - Coating Manufacturers

Epoxy	Compatible
Zinc	Compatible
Stainless Steel	Compatible

#### PRODUCT DESCRIPTION:

APEX-304 CHLOR CLEAN is a concentrated liquid, formulated for disinfecting tanks and to remove pet coke deposit accumulations from cargo and storage tanks. APEX-304 CHLOR CLEAN may be used to remove mineral deposits and eliminate bad odours in tanks and closed systems.

#### APPLICATION:

APEX-304 CHLOR CLEAN effectively removes pet coke and minerals deposits from cargo hold and tanks. It can be used as a general-purpose cleaner as well as elimination of odours.

#### DIRECTIONS FOR USE

##### TANK CLEANING

###### Circulating Method

###### Stainless Steel

1. Mix 1 - 3% of APEX-304 CHLOR CLEAN with fresh water or seawater at ambient temperature to form cleaning solution.
2. Circulate the cleaning solution for 2 – 4 hours. In average, one cleaning solution usually is sufficient to clean 3-4 tanks.
3. Rinse thoroughly with fresh water.

###### Epoxy

1. Mix 1 - 3% of APEX-304 CHLOR CLEAN with fresh water or seawater at ambient temperature to form cleaning solution.
2. Circulate the cleaning solution with a minimum of 1 hour.
3. Rinse thoroughly with fresh water.

##### CARGO HOLD CLEANING

Dilute 10% - 30% of APEX-304 CHLOR CLEAN with fresh water to form cleaning solution and try on a small area first.

After the right mixing ratio is confirmed, apply the cleaning solution on the hold surface with the appropriate equipment. (1ltr cleaning solution can cover approx. 10 Sq. meter)

Please follow **Apex Chemicals Cleaning Procedures 6** accordingly.



Cert. No. QSP0009

IMO APPROVED  
TANK CLEANING

## GENERAL CLEANING

Conventional cleaning tools such as a brush, hard sponge, thick and hard broom and for a mop can be used on heavy duty and hard stain deposits. Note that for heavy accumulations, the cleaning procedure might be repeated until the results are satisfactory.

**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 pale yellowish
Relative Density	: 1.22
Form	: Liquid
pH	: >11.0

**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.

