

## COMMANDER

### COLD DEGREASING SOLVENT

**COMMANDER** is a petroleum based emulsifiable solvent designed for cold degreasing. It is formulated to cut through the heavy accumulations of oils, greases, waxes and asphalt deposits typically encountered in the oil patch. Parts and equipment can be easily cleaned by spraying, brushing, or soaking with Commander. This product is ready to use and more cost effective than typical cold degreasing solvents.

### FEATURES & BENEFITS

- Dilutable in solvents like varsol, kerosene, or diesel
- Fast acting formula cuts oil for a more efficient cleaning
- Penetrates stubborn deposits quickly



### DIRECTIONS FOR USE

#### Use procedure

Commander can be used at full strength for dried heavier deposits and may be diluted for lighter cleaning requirements. For greater effectiveness it is best to clean with **COMMANDER** prior to aqueous washing procedures. Some brushing and extended soaking times may be required to remove heavy deposits.

#### Concentration

- Use full strength for most effective cleaning, especially with heavy deposits
- For light degreasing mix 1 part **COMMANDER** with 1 to 4 parts of diesel, kerosene, varsol or another available distillate
- For emulsion degreasing mix 1 part **COMMANDER** with 5 to 10 parts water

#### Dwell time/Operation time

If dealing with heavy deposits, consider extended soaking times along with brushing or spraying.

#### Use temperature

**COMMANDER** is ideal for cold degreasing applications. Do not use on hot surfaces.

#### Rinsing

Rinse thoroughly with high-pressure water as needed

# COMMANDER COLD DEGREASING SOLVENT

## PHYSICAL PROPERTIES

Appearance Clear, colorless to yellow liquid

Odour Petroleum/pine

Specific gravity @ 20°C 0.850 – 0.870

Viscosity Not available

pH Not applicable

Flash point (TCC) 45°C (113°F)

Water solubility Emulsifies

Boiling point Approx. 148°C to 300°C (298°F to 572°F)

Freezing point Not available

Foaming tendency Non-foaming

Rinsing Excellent

Concentration monitoring techniques Not applicable

## INCOMPATIBILITY

Strong oxidizing agents,  
concentrated mineral acids

## WAREHOUSING PRECAUTIONS

Keep containers tightly closed away in a  
dry, cool and well-ventilated place

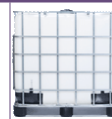
## AVAILABLE SIZES



20L



205L



1000L

## IMPORTANT

Before using **COMMANDER**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

## FIRST AID MEASURES

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention immediately.

### Skin contact

Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.

### Inhalation

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

### Ingestion

Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician immediately.

## PERSONAL PROTECTION



WHMIS

