

### SOLVENT DEGREASERS



**HD-2** is a high distillate grade solvent blend designed for shop or enclosed space degreasing. It provides a longer dwell time for removing stubborn foulant such as bitumen and asphaltenes from lines, vessel parts, and other refinery equipment by minimizing the evaporative loss associated with the use of xylene and toluene.

### FEATURES AND BENEFITS

- Disperses hydrocarbon sludge and foulant accumulation upon application and rinsing
- Contains no added xylene or toluene
- Low odor alternative to the product **RAMSOL**
- Safe on all hard metal surfaces
- Rinses effectively leaving little to no residue
- Provides longer dwell time for improved foulant removal

### DIRECTIONS FOR USE

<b>Soils to be removed</b>	Tars, lubricating oils, bituminous residue, heavy oils, asphaltic materials, etc.
<b>Use procedure</b>	Use <b>HD-2</b> as part of a manual or low-pressure application. For very thick accumulations, physically remove excess or loose deposits before application.
<b>Concentration</b>	Most effective when used undiluted. Forms stable emulsion when diluted 5 to 20% v/v with water, for procedures requiring or having the need for applied heat.
<b>Dwell time / Operation time</b>	5 to 30 minutes, according to the amount of soil.
<b>Mechanical action</b>	Scrubbing and wiping recommended to remove stubborn deposits.
<b>Rinsing</b>	Allow product to dwell before rinsing. High-pressure, hot water is recommended.

# HD-2

## HEAVY-DUTY LOW ODOR SOLVENT CLEANER

### PHYSICAL PROPERTIES

Appearance	Yellow liquid
Odour	Solvent
Specific Gravity @ 20°C	0.87-0.88
Viscosity	Thin
pH	Not applicable
Flash Point (TCC)	> 40°C (104°F)
Boiling Point	Approx. 160°C-170°C (320°F-338°F)
Freezing Point	Approx. -14°C (6,8°F)
Foaming Tendency	Nil
Rinsability	Excellent
Water Solubility	Emulsifies




### INCOMPATIBILITY

Oxidizing materials  
Do not use on finely coated surfaces

### WAREHOUSING PRECAUTIONS

Keep container closed when not in use  
Store away from heat sources and flames

### AVAILABLE SIZES

		
20L / 5,28Gal.	205L / 54,16Gal.	1000L / 264,17Gal.

### FIRST AID MEASURES

#### EYE CONTACT

Wash with plenty of water for 15 minutes.  
Consult physician if irritation develops or persists.

#### SKIN CONTACT

Wash with plenty of water for 15 minutes.  
Consult physician if irritation develops or persists.

#### INHALATION

Give fresh air or artificial respiration.  
Consult physician.

#### INGESTION

Do not induce vomiting. Drink plenty of water and consult physician immediately.

### HEALTH

2

### FLAMMABILITY

2

### REACTIVITY

0

#### LEGEND

0 = MINIMAL RISK  
1 = SLIGHT RISK  
2 = MODERATE RISK  
3 = SERIOUS RISK  
4 = SEVERE RISK

### PERSONAL PROTECTION Security equipment



WHMIS



**IMPORTANT:** Before using HD-2, always be sure to read and follow precautions and directions for use appearing on the product container label and on the material safety data sheet (m.s.d.s.).