

HD-2

HEAVY-DUTY LOW ODOUR SOLVENT CLEANER

HD-2 is a high distillate grade solvent blend designed for shop or enclosed space degreasing.

HD-2 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 & 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

Soils to be removed

Tars, lubricating oils, bituminous residue, heavy oils, asphaltic materials, etc.

Use procedure

Use **HD-2** as part of a manual or low-pressure application. For very thick accumulations, physically remove excess or loose deposits before application.

Concentration

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.

Dwell time/Operation time

5 to 30 minutes, according to the amount of soil.

Mechanical action

Scrubbing and wiping recommended to remove stubborn deposits.

Rinsing

Allow product to dwell before rinsing.
High-pressure, hot water is recommended.

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PHYSICAL PROPERTIES

Appearance	Clear, yellow liquid
Odour	Solvent
Specific gravity @ 20°C	0.870-0.880
Viscosity	Approx. 0.7 mPa/S at 38°C
pH	Not applicable
Flash point (TCC)	41°C (105.8°F)
Water solubility	Emulsifies
Boiling point	Approx. 160-170°C (320-338°F)
Freezing point	Approx. -14°C (6.8°F)
Foaming tendency	Non-foaming
Rinsing	Excellent
Concentration monitoring techniques	Not available

INCOMPATIBILITY

Acids, strong oxidizing agents

WAREHOUSING PRECAUTIONS

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

AVAILABLE SIZES

		
20L	205L	1000L

IMPORTANT

Before using **HD-2** 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 at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Skin contact

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

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. Immediately call a POISON CENTER or doctor/physician.

PERSONAL PROTECTION



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