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TECHNICAL DATA SHEET

HB-611

Ultra Heavy Duty Cleaner

DESCRIPTION:

- Clear liquid with characteristic odor
- Highly sophisticated cleaning compound concentrate
- Composed of a balanced blend of emulsifiers, degreasers, solvents and wetting agents
- Typical analysis of a 50 percent solution reveals a pH of 12.5 (pH will vary with concentration)

PURPOSE:

- Water-based degreaser
- Formulated for quick oil and grease removal and general purpose cleaning
- Works extremely well when used with pressure washing equipment
- Safe, when used as directed, on all types of ferrous and nonferrous metals, vinyl, plastics and most paints (test before using)
- Ideal for efficient removal of oil, grease, dirt, cutting oils, grimes, syrups and adhesives

DIRECTIONS FOR USE:

- Apply by spraying, wiping, brushing or with a pressure washer
- For degreasing engines, equipment, machinery, etc.:
 - Dilute with three(3) to five(5) parts hot water
 - Apply with a sprayer
 - Allow five(5) to twenty(20) minutes of soak time (time will depend on the concentration of grease to be cleaned)
 - Rinse with a strong stream of water or steam
- For pressure washing:
 - When used in high pressure equipment with direct chemical injection:
 - Can be metered directly from its container at ratios of from 1:20 to 1:150
 - The ratio the machine is set on will depend on the water hardness, the type of soil being cleaned and the surface being cleaned. The following are some recommended concentrations:

Aircraft	Ratios of from	1:30 to 1:70
Engines	Ratios of from	1:20 to 1:40
Heavy Equipment	Ratios of from	1:20 to 1:40
Farm Equipment	Ratios of from	1:30 to 1:70

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Food Plants	Ratios of from	1:20 to 1:130
Machinery	Ratios of from	1:20 to 1:40
Meat Packing Plants	Ratios of from	1:20 to 1:130
Painted Walls	Ratios of from	1:40 to 1:130

DIRECTIONS FOR USE continued:

- When used in equipment with a chemical concentrate tank:
 - Mix one(1) to two(2) gallons HB-611 to every five(5) gallons of water
 - This mixture should then be metered through the machine at ratios of from 1:10 to 1:30, depending on the cleaning requirements of the customer.

- For Manual Cleaning:

Light Cleaning	1-3 oz. per gallon of water
Medium to Heavy Cleaning	3-6 oz. per gallon of water
White Sidewalls/Vinyl Tops	15 oz. per gallon of water

- For Wax Removal:

With Floor Machine	7 oz. per gallon of water
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ADVANTAGES:

- Non-flammable
- Easily metered and mixed since it is a liquid.
- Economical because it is highly concentrated.
- Versatile

CAUTION:

- Contains alkaline detergent and butyl cellosolve.
- Avoid prolonged or repeated contact, with concentrate. In case of eye contact, flush with cool water for fifteen(15) minutes; seek immediate medical attention.
- Use with good ventilation. If skin irritation occurs, avoid further contact, wash with a mild soap and water. Apply lotion if desired.
- If swallowed: Give one or two glasses of water or milk. Call a physician immediately.
- HB-611 contains organic solvents. Use with good ventilation. High concentrations of HB-611 may bleach, streak or run some paints. Test before using.

FOR COMMERCIAL OR INDUSTRIAL USE ONLY!

KEEP OUT OF REACH OF CHILDREN!