

ULTRASTAR HDD

Heavy Duty Cleaner Degreaser

SPECIALLY FORMULATED TO CLEAN DIRT GREASE OIL & GRIME

ULTRASTAR HDD is a concentrated heavy-duty aqueous cleaner and degreaser ideal for industrial and commercial facilities and institutions that require an effective alkaline, concentrated cleaner and degreaser that is designed for the most extreme cleaning challenges

ULTRASTAR HDD removes oil, grease, grime, dirt and all kinds of other contaminants quickly and effectively. Use on hard non-porous surfaces that are water washable. **HDD** delivers low use level, less dwell time and a reduced amount of mechanical action needed when cleaning. The foaming properties of **HDD** provide for an extended contact time and increased cleaning efficiency when used on vertical surfaces.

ULTRASTAR HDD active cleaning compounds are derived from biobased resources giving it a greener profile.

ULTRASTAR HDD can be used with different types of equipment, such as trigger sprayers, pressure washers, automatic scrubbers, dip tanks, pump-up sprayers and mop/bucket. Do not allow **HDD** to dry before rinsing.

INSTRUCTION FOR USE:

Determine proper dilution ratio as instructed below. 1. Apply **HDD** solution. Allow **HDD** to penetrate soiled surface rinse with water.

HEAVY-DUTY CLEANING: Use at full strength. Optionally mix 1 part MPC to 4 parts water for hard-to-remove grease, grime and soil. **GENERAL CLEANING:** Mix 1 part MPC with 32 parts of water. **LIGHT CLEANING:** Mix 1 part MPC with 100 parts water for light soils. Before using this product, test in a small, inconspicuous area to ensure surface compatibility.

Caution: Avoid contact with alkali-sensitive surfaces. Do not use on nonferrous metals such as aluminum, brass, and copper, caution on painted surfaces. Always test HDD on a small inconspicuous area to ensure surface compatibility.

Advantages

Powerful Cleaner / Degreaser Concentrate

Active Ingredients Derived From Biobased Sources

Readily Biodegradable

Multiple Application Areas

Variable Dilution Rates

Safer For People And The Environment

Physical Properties

| | | | |
|-----------------------------|-------------------------------|-----------------------|-----------------------|
| Appearance: Clear Colorless | Odour: Orange Scent | Water Based | Emulsification: Rapid |
| pH: 12.5 -13 | Flash Point:: >94 °C (201 °F) | Detergency: Excellent | Foam: Medium |

| | 1 Litre RTU Solution | | | | 5 Litre RTU | | 10 Litre RTU | | 20 Litre RTU | | |
|---------------------|----------------------|-----|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|
| | Ratio | HDD | H ₂ O | HDD | H ₂ O | HDD | H ₂ O | HDD | H ₂ O | HDD | H ₂ O |
| Heavy Duty Cleaning | 1:4 | 20% | 80% | 200mL | 800mL | 1 L | 4 L | 2 L | 8 L | 4 L | 16 L |
| General Cleaning | 1:32 | 3% | 97% | 30mL | 970mL | 150mL | 4.85 L | 300mL | 9.7 L | 600mL | 19.4 L |
| Light Duty Cleaning | 1:100 | 1% | 99% | 10mL | 990mL | 50mL | 4.95 L | 100mL | 9.9L | 200mL | 19.8 L |

ULTRASTAR HDD is not compatible with hypochlorite bleach.

KEEP OUT OF REACH OF CHILDREN.

KEEP CONTAINER TIGHTLY CLOSED.

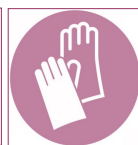
NOT FOR INTERNAL CONSUMPTION.

CONSULT SAFETY DATA SHEET FOR MORE INFORMATION.

Item Number **Item Number** **Item Number**

HDD-378-001 HDD-189-002 HDD-205-003

3.78 Litre Jug 18.9 Litre Pail 205 Litre Drum



DANGER CORROSIVE

ULTRASTAR Products are manufactured in Alberta Canada by
RM Chemical Inc.

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