

EXTENDED DWELL CARBON AND GREASE REMOVER

DESCRIPTION AND USE

HD Degreaser will penetrate layers with a combination of aggressive caustics, buffering and stabilizing compounds that keeps the product from drying out. This allows a fast and long term attack with minimal degradation of surfaces. HD Degreaser can be used for pre-treating oil stains on concrete. The product is also used for soaking through very thick layers of clay, grease, foodstuffs, and hydraulic fluid and oil stains in one application.

ADVANTAGES

- * Excellent adhesion and penetrating cleaning ability on vertical and horizontal surfaces.
- * Will not damage wires or hoses in engine compartments

LIMITATIONS

- * May mark paint
- * May discolor aluminum

TECHNICAL DATA

Appearance & Odor: Tan sticky liquid, mild odor.

Physical State: Liquid

pH: 13.5

Vapor Pressure (mmHg): N/A

Vapor Density (air=1): N/A

Boiling Point: 212° F

Freezing/Melting Point: N/A

Specific Gravity (water =1): 1.05

Evaporation Rate: N/A

Solubility in Water: Complete

PREPARATION

Protect adjacent and surrounding surfaces not intended to be cleaned when necessary.

SURFACE & AIR TEMPERATURES

Excessively high or low temperatures will produce poor results and possible harm. Best cleaning results are obtained when air and surface temperatures are 40° Fahrenheit or above. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for surface to thaw. If air temperatures exceed 90° Fahrenheit, flash cool the surface with water before applying product. Do not allow products to dry on the surface. Always rinse thoroughly while still wet.

PRE-TESTING

Always test prior to beginning full-scale cleaning operations. Testing should confirm cleaning effectiveness on each

type of surface and stain designated to be cleaned. Test also to determine the desired surface contact time and any potential for adverse reactions with adjacent materials. Allow test panels to dry thoroughly before evaluating final appearance and results.

DILUTIONS

Use undiluted (straight)

Dilute up to 50:1, if used in a dip tank application

APPLICATION INSTRUCTIONS

Apply undiluted (straight) with a brush or low pressure sprayer. Oil stains on concrete benefit from a brushing after application. This helps the degreaser lift shadows. It increases the dwell time which will benefit the product. If used in a dip tank application, this product may be diluted up to 50:1. Allow products to soak until soil is softened. Care should be taken when immersing soft metals such as aluminum in to a hot solution. Metal should not be left in the soak for too long, under eight hours. When cleaning badly soiled equipment for repainting, it may be best to apply the product with a sprayer. Repeat the application in areas that look dry. Once the product has been absorbed by the soil and another application will allow complete release in one rinse. Parking structures and drive through lanes benefit from presoaking the oil stains hours before cleaning as this allows the product time to get deep into the surface and work at lifting out the shadows. Pressure washer rinsing is best.

COVERAGE RATES

Coverage rates will vary from 100 - 250 sq. ft. per gallon depending on the surface porosity, texture and severity of staining.

PRECAUTIONARY MEASURES

Always wear goggles and rubber gloves when handling this product. Keep off of skin and clothing. If material comes in contact with clothing, wash before reuse. The product contains Sodium Hydroxide. Do not get in eyes, on skin or clothing. Keep container closed when not in use. Use with adequate ventilation. Applicators should wear a rain suit (plastic, rubber or PVC), boots, gloves, face shields and/or goggles to avoid splash to bare skin and eyes. Dispose of empty containers according to federal, state, and local requirements. Do not dilute HD Degreaser with any product except water. Do not use for any other applications other than specified. Do not remove label. Read Material Safety Data Sheet for additional safety and health hazard information prior to use.



HD DEGREASER

PRODUCT SPECIFICATION HD DEGREASER

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SPILL OR LEAK PROCEDURES

Check with the state, local or federal regulations for waste disposal methods in your area. Wear proper protection equipment while doing cleanup. Large spills - dike and contain for intended use. Small spills - use chemical spill absorbent product and place in approved container for disposal.

CONTAINER HANDLING/STORAGE

Store the product in a cool dry place. Vent bung cap before opening. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Do not use container as dilution or rinsing vessel. Do not cut, grind or weld on or near container. Empty containers retain residue and must be handled as if full.

INSTRUCTIONS IN CASE OF CONTACT OR EXPOSURE

Eyes: Flood with water for fifteen minutes. Seek immediate medical attention.

Skin: On contact, wipe off with a clean cloth, neutralize with vinegar, and then flush with water. If degreaser has had sufficient dwell time to burn skin to redness, follow above procedure and call physician.

Inhalation: Remove to fresh air. If irritation persists, call physician.

Ingestion: Drink a quart of water. Do not induce vomiting. Seek medical attention

NOTICE

This product has been classified in accordance with the hazard criteria of the CFR.

DISCLAIMER

The information herein is given in good faith, but no warranty, either expressed or implied, is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.

CUSTOMER SERVICE

Factory personnel are available for assistance at 800-313-8505 and will send you additional information on products as necessary.

