



FOR PROFESSIONAL USE ONLY

SPEC DATA SHEET

Hot Stain Remover is a powerful alkaline cleaning solution that allows the user to tackle all kinds of professional cleaning projects. Hot Stain Remover excels at removing oil stains produced by food products or petroleum based products on porous concrete surfaces. Heavy carbon deposits on masonry can also be easily removed without altering the surface. Hot Stain Remover is also a very effective cleaner for grout and tile floors.

ADVANTAGES

- Removes food and petroleum oil stains
- Removes carbon stains
- Ideal for drive-throughs and dumpster pads
- Removes smoke residue from masonry
- Cleans up grout

LIMITATIONS

- May cause damage to some metallic surfaces

**For information about soft metals, please see our soft metal Issue Statement at our website for more complete guidance.*

TECHNICAL DATA

Appearance:	Amber color
Odor:	Mild citrus scent
Physical State:	Liquid
pH:	13.5
Boiling Point:	>212° F
Specific Gravity (water=1):	1.15 @ 77° F
Evaporation Rate:	as Water
Solubility in Water:	Complete
Flash Point:	N/D
Viscosity	Water thin
Decomposition Temp:	N/D
Oxidizing Properties:	N/D

PREPARATION

Protect anodized aluminum, glass, painted substrates, and other surrounding building hardware not intended to be cleaned from exposure to the chemical. Cover foliage with polyethylene or other proven protective material. Avoid wind drift on surrounding surfaces such as auto and pedestrian traffic.

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 above 40°Fahrenheit or less than 90°Fahrenheit. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for the 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. Pre-testing will determine suitability and effectiveness on each type of surface and stain designated to be cleaned. Pre-testing will also determine dwell times any potential or adverse reactions to adjacent surfaces. Great care must be taken when applying this product because of its highly active penetrating nature. Allow test areas to thoroughly dry before evaluating final appearance and results.

SAFETY INFORMATION

Always wear goggles and chemical resistant gloves when handling this product. Read the Safety Data Sheet for additional safety and health hazard information prior to use. Do not get in eyes, on skin, or on clothing. Do not wear contact lenses when using this product. If material comes in contact with clothing, wash before re-use. Do not dilute this product with any other product except clean water. Do not use any other application other than specified in the application instructions. Keep container closed when not in use. Do not remove the label from the container. Dispose of empty containers in accordance with federal, state, and local requirements.

CAUTION: KEEP AWAY FROM CHILDREN

**VELOCITY EHS 24 HOUR EMERGENCY RESPONSE
SERVICE NUMBER - 1-800-255-3294**

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SUITABLE SUBSTRATES

The following substrates have been tested on and are deemed suitable under standard conditions. Pre-testing is always recommended prior to full-scale cleaning.

- | | |
|--------------------|----------------------|
| ✓ Clay Brick | ✓ Ground Faced Block |
| ✓ Concrete Brick | ✓ Precast Concrete |
| ✓ Glazed Brick | ✓ Limestone |
| ✓ Buff Brick | ✓ Natural Stone |
| ✓ Red Brick | ✓ Stone Veneer |
| ✓ CMU | ✓ Cast Stone |
| ✓ Colored Block | ✓ Hardscape |
| ✓ Smooth Block | ✓ Clay Pavers |
| ✓ Split Face Block | ✓ Concrete Pavers |
| ✓ Burnished Block | ✓ Colored Mortar |

While this list is extensive, there are other substrates that Hot Stain Remover may be suitable for that are not listed. Every cleaning situation is unique in its own way, so please follow all precaution, pre-testing and application instructions included in this Product Data Sheet.

DILUTIONS

Use Hot Stain Remover undiluted for extremely difficult stains up to 10 part water to 1 part solution less difficult applications.

COVERAGE RATES

Coverage rates will vary drastically depending on surface type, porosity, and other variable. The coverage rate will be determined by proper testing.

APPLICATION INSTRUCTION

ALWAYS PROTECT THE SURROUNDING AREA BY COVERING WITH PLASTIC.

If you are spraying Hot Stain Remover try to stay away from or above the mist as it can cause irritation or burns to your skin.

1. Pre-wet the surface (do not saturate) with water before applying Hot Stain Remover.
2. Begin applying Hot Stain Remover to the surface using a low pressure applicator for a strong dilution and a downstream injector at low pressure for a

weaker dilution. A nylon brush may be used to apply when necessary.

3. Dwell times will vary tremendously depending on surface and severity of staining. Testing will determine actual dwell times.
4. Hot Stain Remover has special additives that cause soils to rise to the surface.

Caution: Do not allow the product to dry on a surface.

RINSING

Proper rinsing techniques determine the final look and quality of the job. A thorough rinse job is always recommended; however, our chemistry never requires flooding the surface. Hot Stain Remover can be rinsed using cold water and low pressure. Pressures that mark the surface should be avoided. When in doubt, follow the manufacturers recommended P.S.I. for the substrates. **Do not use a zero-degree nozzle.**

SPILL OR LEAK PROCEDURES

Check with state, local, or federal regulation for waste disposal methods in the area. Wear proper protective equipment while doing clean-up. For large spills, dike and contain for intended use. For residual, use a chemical absorbent material. For small spills, use a chemical absorbent material and place in an approved container for disposal.

CONTAINER HANDLING/STORAGE

Store product in a cool, dry place away from acid-based materials. Keep container tightly closed when not in use. Wash thoroughly after handling. For best results, product should be 32° F or higher prior to use.

INSTRUCTIONS IN CASE OF CONTACT OR EXPOSURE

Eyes: Flood with water for 15 minutes and seek medical attention if irritation develops.

Skin: Wash off with soap and water. Use a good emollient. seek medical attention if irritation develops.

Ingestion: Drink lots of water to dilute. Do not induce vomiting. Seek immediate medical attention.

Inhalation: Move to fresh air. Call physician and seek medical attention if irritation develops.



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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 Monday through Friday from 8am to 5pm EST at (724) 656-1055. Questions can also be sent to info@eacochem.com. A reply can be expected by the following business day or FaceTime and Call from the Wall is available while on jobsite.