

## Unsmoke<sup>®</sup> Degrease-All<sup>™</sup> FOR PROFESSIONAL USE ONLY

### Versatile, High Performance Cleaner and Degreaser

#### BACKGROUND

It is well known that structural fires deposit a great deal of soot, debris and greasy soils on interior surfaces and building contents. Removal of this contamination is necessary in order to restore the appearance and odor of the building. Degrease-All is a general purpose cleaner and degreaser that meets this need.

Degrease-All contains water soluble solvents, corrosion inhibition agents, soil suspension agents, grease cutting surfactants and alkaline builders. The product loosens, emulsifies and suspends particulate and greasy soils. Degrease-All can be used on hard surfaces and even certain textiles.

#### ITEMS NEEDED

- **Cleaning products:** Unsmoke Degrease-All
- **Personal Protective Equipment (PPE)** as specified in the Material Safety Data Sheet (MSDS)
- **Supplies:** adequate supply of clean cloths and a plastic bag for the storage of soiled cloths, soft hand brush, measuring cup, pressure sprayer
- **Dust and soot removal tools:** including vacuum cleaners with dust attachments, industrial dry cleaning sponges, wool dusters, chemically treated dust cloths
- **Equipment:** Carpet extractors

#### PRETESTING

Degrease-All is intended for use on water cleanable materials. Examples of such surfaces include:

- Carpeted traffic lanes
- Hard floors (note: Degrease-All is alkaline and will damage or remove water based floor coatings.)
- Painted surfaces
- Tile
- Concrete
- Metal
- Sealed or unsealed wood
- Upholstery

Be sure to pretest surfaces in an inconspicuous area before cleaning the entire surface. Degrease-All ready to use solution is moderately alkaline but contains corrosion inhibitors to protect alkaline sensitive surfaces such as aluminum. It is still important to pretest, however.

#### PROCEDURE

Prepare the Ready-To-Use (RTU) solution BEFORE entering the worksite. Shake well before using. To prepare a ready to use (RTU) solution, mix 12 ounces of Degrease-All with enough water to make one gallon of ready to use solution (94 mL / L). As soiling conditions become more severe, increase the concentration of product to as much as 32 ounces of concentrate with enough water to make one gallon (250 mL / L). For best results, use hot water. Be sure to replace the cap after dispensing the product; this will prevent loss of volatile ingredients.

#### TYPICAL APPLICATIONS

Use mechanical means to remove as much surface debris and soot as possible. This prevents the fine soot from penetrating deeper into the surface. This is particularly important for porous surfaces such as flat paint. Do not press hands or tools directly against sooted surfaces; this can drive the soot particles deeper into the crevices and make the soot more difficult to remove. Remove the dry soot with tools such as those described with soot removal supplier.

**Where to use:** Water cleanable surfaces.

**Where NOT to use:** Surfaces that are unable to withstand contact by water, glycol solvents or alkalinity.

After the dry soot and debris has been removed, it is time for wet cleaning. For all applications, lightly spray RTU solution onto the soiled surface. Allow about 30 seconds dwell time but do not allow the solution to dry. Remove liquefied soils before the Degrease-All RTU solution dries.

Tips for cleaning specific types of surfaces:

- Smoke damaged walls: lightly spray with RTU solution, agitate with sponge, rinse if necessary, and towel dry.
- Hard surface contents cleaning: lightly spray soiled surfaces with RTU solution, use towel to wipe away soil and then towel dry.
- Upholstery pre-spray: lightly spray soiled surfaces with RTU solution. For best results, immediately wipe off liquefied soil.
- Traffic lane cleaner: lightly spray soiled surfaces with RTU solution and immediately proceed with normal cleaning.

## CLEAN UP

- Check all PPE for damage. Repair or replace as needed.
- Clean the outside of the spraying equipment to remove soot and soils. This will help to prevent cross-contamination and will maintain your professional image on the next job.
- Rinse containers and extraction equipment to remove product residues and waste water. Be sure to dispose waste water properly. Never dispose into surface waters, on the ground or into a storm drain.
- Flush the sprayer with detergent and then rinse with water to remove any product residue. Empty water from the sprayer, especially in cold climates where freezing is possible.
- Wash hands after using the product.

## SAFETY CONSIDERATIONS

- **IMPORTANT:** The odor of this product may be irritating to some persons with allergic sensitivity. It is recommended to allow occupants to “sniff test” the product prior to application. For “sniff testing” prepare the ready-to-use solution and dip a note card or business card into the solution. Allow occupant to “sniff” both wet and dried solution. Obtain permission from occupants prior to product application. Individuals may reoccupy treated spaces when they feel physically comfortable and/or upon advice of their consulting physician
- Keep children and pets away from chemical products, equipment and the work area.
- Read the Material Safety Data Sheet (MSDS) for any chemical product before using it. You can obtain the MSDSs for ProRestore Products from your distributor or from *ProRestoreProducts.com*
- Be sure electrical equipment including plugs and extension cords are in good condition.
- Be sure to wipe any surfaces where there has been a spill of the product
- Wash hands after using the product.
- Be sure to use personal protective equipment. Depending on the nature of the damage in the building, this could include hard hats, heavy soled shoes, full protective suits or aprons. In every instance when spraying solutions overhead or in your breathing zone you should use eye protection, gloves and respiratory protection.

## ADDITIONAL REFERENCES

- User Guides and Material Safety Data Sheets (MSDS) for all ProRestore Products are available at **ProRestoreProducts.com**
- Odor Removal Manual, Unsmoke / Microban Field Guide, and Restoration Technology Manual. (order separately from your distributor)
- Restoration Sciences Academy Certification Classes. For location and scheduling of classes, go to **ProRestoreProducts.com**.
- For technical support call 800-332-6037 (USA) or 800-233-6037 (Canada).
- For medical advice related to exposure to this product, call Infotrac at 800-535-5053 (USA and Canada) / 352-323-3500 (worldwide).

## DEGREASE-ALL TECHNICAL DATA

Sold as	Case of four x 1 gallon bottles (3.8 L) Pail – 5 gallons (19L) Barrel – 55 gallons (208 L)
Re-order numbers	161252000 case (4 x 1 gallon) 161253000 5 gallon pail 161254000 drum (55 gallon)
Color	Blue
Odor	Ammonia, solvent
Appearance	Transparent liquid
Flash point	> 212° F (100° C)
Specific gravity	1.03
Density	8.5 pounds per gallon
pH of concentrate	Approx. 12.3
VOC content	Approx. 12%
Phosphate content	None
Non volatile matter	Approx. 10%
Surfactant type	Nonionic
Storage	Protect from freezing.