

FORMULA

**531**

# SMOKE & ODOR COUNTERACTANT

**Non-Flammable Formula**  
**Water Based**  
**Reduces Odors**  
**Easy-To-Use**



SENTINEL'S RESTORATION CLEANING PROCESS

Before using products like Sentinel 522 Smoke & Odor Destroyer or 531 Smoke & Odor Counteractant to rid the space of unwanted odors, first clean dirt, grease, grime smoke and soot from floors, walls, ceilings and other surfaces with Sentinel 510 Carbon & Soot Cleaner/Wash.

PRODUCT DESCRIPTION

Sentinel 531 Smoke & Odor Counteractant is a professional strength, odor control product used to reduce odors commonly associated with restoration cleaning projects, like smoke and damp, musty smells. Sentinel 531 can be used as an odor control additive to clean smells from hard surfaces as well as soft goods and other materials. Sentinel 531 is non-flammable and non-hazardous and can be used as part of a professional cleaning process without the concerns normally associated with other flammable odor control products.

USAGE GUIDELINES

Read directions for use prior to using. Test product on a small inconspicuous area prior to using on soft goods and fabrics to assure desired results. Sentinel 531 is safe for use in mechanical cold-fogging and thermo-fogging applications.

DIRECTIONS FOR USE (FOR PROFESSIONAL USE ONLY.)

Dilute Sentinel 531 before using by mixing three (3) ounces of 531 with enough water to make one gallon of solution. For additional odor control or for use on charred wood, mix up to twelve (12) ounces of 531 and prepare as above to make one gallon of stronger solution. Solution is ready to use once it is thoroughly mixed.

Apply mixed solution with a low pressure sprayer directly to affected surfaces. Spray surfaces until they appear saturated. For mechanical fogging applications, apply mixed product in accordance with established application rates.

**FOR USAGE QUESTIONS OR ADDITIONAL INFORMATION, CONTACT SENTINEL CUSTOMER SERVICE AT 1-800-373-0633 OR VISIT US ON THE WEB AT [www.senpro.com](http://www.senpro.com).**

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

Product Name: Sentinel 531 Smoke & Odor Counteractant  
Synonyms: Cleaning Liquid, Mixture  
Emergency Medical and Spill Number: 1-866-359-5661

## SECTION 2 COMPONENT & EXPOSURE DATA

Component: CAS# PEL TLV

## SECTION 3 EMERGENCY & FIRST AID PROCEDURES

Eye Contact: If this product comes in contact with eyes, flush with water for at least 15 minutes. Seek medical attention if irritation persists.  
Skin Contact: Remove contaminated clothing and shoes. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.  
Inhalation: Remove to fresh air. Administer artificial respiration if breathing is stopped. Get immediate medical attention.  
Ingestion: Do not induce vomiting. Administer large amounts of water if victim is conscious. Get medical attention.

## SECTION 4 HEALTH HAZARDS & ROUTES OF ENTRY

EYE CONTACT: May cause irritation to eyes.  
SKIN CONTACT: Prolonged contact may cause skin irritation. Prolonged or repeated exposure to this material may cause redness, burning, drying, or cracking of skin or dermatitis. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.  
INGESTION: May cause abdominal discomfort.  
INHALATION: Vapors in high concentration may be irritating to the eyes and respiratory tract.  
COMMENTS: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.

## SECTION 5 SPECIAL PROTECTION INFORMATION

VENTILATION: Local exhaust.  
RESPIRATORY INFORMATION: Use approved NIOSH/MSHA respirator where mist or vapor is excessively generated.  
PROTECTIVE GLOVES: Wear chemically impervious gloves and protective clothing to prevent skin contact.  
EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended.  
OTHER PROTECTIVE EQUIPMENT: It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

## SECTION 6 REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.  
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid strong oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide

## SECTION 7 SPILL OR LEAK PROCEDURES

Precaution in Case of Leak or Spill: Absorb with chemical absorbent material and mop up.  
Waste Disposal Method: Dispose of product in accordance with applicable local, county, state, and federal regulations.

## SECTION 8 STORAGE, SHIPPING, & REGULATORY INFORMATION

Handling & Storage: Keep containers tightly closed. Keep containers cool and dry.  
DOT Proper Shipping Name: Cleaning Compound, NOI. DOT Label:  
DOT Hazard Class: Not regulated in quantity. DOT Identification Number:

Hazard Ratings:	HMIS	NFPA
HEALTH	1	1
FLAMMABILITY	2	2
REACTIVITY	0	0

## SECTION 9 FIRE & EXPLOSION HAZARD

Flash Point (TCC Method): 147°F Auto Ignition Temperature: N/A  
Flammable Limits in Air % by Vol. Lower: N/A Upper: N/A  
Extinguishing Media: Dry Chemical or CO2 for small fires and foam for large fires.  
Fire and Explosion Hazard: Not determined.  
Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for fire fighters. Use water spray to cool containers.  
Unusual Fire and Explosion Hazard: Combustible mixture. Keep away from heat, sparks and open flame.

## SECTION 10 PHYSICAL DATA

Boiling Point (°F): 202°F Specific Gravity (H2O =1): 1.0 @ 77°F Appearance & Odor: light red, alcohol odor  
Vapor Pressure: (mm/HG) N/D Melting Point: N/A Evaporation Rate: N/A  
Solubility in Water: Complete @ 68°F Vapor Density: 8.00#/GAL pH: 5.5 - 7.0

## SECTION 11 DOCUMENTARY INFORMATION

DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTIES: The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of the product for the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his/her own determination as the suitability of the product for his/her particular purpose and on the condition that he/she assume the risk of use thereof.