

FORMULA

532

THERMAL FOGGING COUNTERACTANT

**Solvent Based
Eliminates Odors
Ready-To-Use**

PRODUCT DESCRIPTION

Sentinel 532 Thermal Fogging Counteractant is a professional strength product that will eliminate odors associated with restoration cleaning. Sentinel 532 is effective on smoke odors, damp, musty odors and animal odors. Sentinel 532 is safe for use in mechanical cold-fogging and in thermo-fogging applications.



USAGE GUIDELINES

Before using Sentinel 532 Thermal Fogging Counteractant remove dirt, grease and grime, and smoke residues from all surfaces with Sentinel 333 Green Cleaner & Degreaser.

DIRECTIONS FOR USE (FOR PROFESSIONAL USE ONLY.)

Read the product Material Safety Data Sheet and all warnings prior to using. Test product on an inconspicuous area to assure colorfastness and desired result.

Use Sentinel 532 undiluted through fogging equipment.

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.

MATERIAL SAFETY DATA SHEET

Sentinel Products, Inc. – 51 N.E. 77th Avenue, Minneapolis, MN 55432
(763)571-0630 - FAX (763)571-1819

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: SENTINEL 532 Thermal Fogging Counteractant SYNONYMS: Cleaning Liquid, Mixture

EMERGENCY MEDICAL AND SPILL NUMBER: 1-866-359-5661

SECTION 2 COMPONENT & EXPOSURE DATA

COMPONENT CAS# PEL TLV

ALIPHATIC HYDROCARBON BLEND 69430-33-7 100 PPM PER 8-HOUR WORK DAY

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If this product comes in contact with eyes, gently flush with water for at least 15 minutes. If irritation persists, seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION (SWALLOWING): If this product is swallowed, DO NOT induce vomiting unless directed by a physician. Seek immediate medical advice and/or attention.

SECTION 4 HEALTH HAZARDS & ROUTES OF ENTRY

EYE CONTACT: This product may cause irritation

SKIN CONTACT: This product may cause skin irritation. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION: Inhalation of excessive concentration of vapors or mists may cause irritation of the nose and throat and signs of nervous system depression (e.g. drowsiness, dizziness, loss of coordination and fatigue). Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties due to the irritant properties of the material.

INGESTION (SWALLOWING): Ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression (e.g. drowsiness, dizziness, loss of coordination and fatigue). Acute exposure to these compounds results in narcosis, pulmonary edema, and severe kidney and liver damage.

ASPIRATION HAZARD: This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

COMMENTS: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.

SECTION 5 SPECIAL PROTECTION INFORMATION

VENTILATION: If current ventilation practices are not adequate for minimizing exposures, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, systems safe for such locations should be used.

RESPIRATORY INFORMATION: Respiratory protection may be necessary to minimize exposure to organic vapors or gases. Depending on the nature and concentration

of the airborne material, use a respirator or gas mask with appropriate cartridges and canisters, (NIOSH approved) or supplied air equipment.

PROTECTIVE GLOVES: The use of gloves impermeable to this material is advised to prevent skin contact and possible irritation. Wear resistant gloves, such as nitrile or neoprene.

EYE PROTECTION: Approved eye protection is recommended to safeguard against eye contact, irritation or injury.

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): This product is incompatible with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and/or carbon dioxide.

SECTION 7 SPILL OR LEAK PROCEDURES

PRECAUTION IN CASE OF LEAK OR SPILL: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area of spill. Foam, especially high expansion foam, may be used to suppress vapors. Keep contained and dispose of in accordance with local, county, state, and federal regulations.

SECTION 8 STORAGE, SHIPPING, & REGULATORY INFORMATION

HANDLING & STORAGE: Keep containers tightly closed. Keep containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks or other sources of ignition. "Empty" drums should be completely drained, properly bunged and promptly shipped to a qualified drum reconditioner.

DOT PROPER SHIPPING NAME: Cleaning compound, Class 55 NOS

DOT HAZARD CLASS: NOT A REGULATED MATERIAL DOT IDENTIFICATION NUMBER: N/A

HAZARD RATINGS HMIS NFPA

HEALTH 1 1

FLAMMABILITY 2 2

REACTIVITY 0 0

SECTION 9 FIRE AND EXPLOSION HAZARD

FLASH POINT (TEST METHOD): 171 ° F.TCC FLAMMABLE LIMITS IN AIR. % BY VOL. LOWER: 0.4 UPPER: 4.7

EXTINGUISHING MEDIA: Small fires-Extinguish with dry chemical, CO2 or foam. Large fires-The use of dry chemical or foam is recommended.

FIRE AND EXPLOSION HAZARD: Not determined.

FIRE FIGHTING PROCEDURES: The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION 10 PHYSICAL DATA

BOILING POINT (0F): 415-420 F. SPECIFIC GRAVITY (H2O=1): .794 VAPOR PRESSURE: <0.1 mm Hg

VAPOR DENSITY: Approx. 5 (air = 1) APPEARANCE & ODOR: Clear - Nil.

*V.O.C. Content: not greater than 15g/L.

*When determining VOC content, in accordance with the requirements set forth by the Ozone Transport Commission (OTC), effective 01-01-2009.

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