

MATERIAL SAFETY DATA SHEET

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1. PRODUCT NAME & HAZARD SUMMARY

STAMFORD 6770 ODEX PLUS SMOKE & ODOR NEUTRALIZER

PRIMARY USE: ODOR NEUTRALIZER

NFPA HAZARD	RATING	SARA TITLE III, SECTION 313	CANADA (WHMIS)
HEALTH	0 MINIMAL	APPLICABLE ()	D2: CAUSING OTHER TOXIC EFFECTS
FIRE	0 MINIMAL	NOT APPLICABLE (X)	B: FLAMMABLE, COMBUSTIBLE
REACTIVITY	0 MINIMAL		

2. HAZARDOUS COMPONENTS

%	OSHA (PPM)	ACGIH (PPM)	LD 50 (MG/KG)
	PEL	TWA STEL	

ISOPROPYL ALCOHOL
 C.A.S. #67-63-0
 INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

3. PHYSICAL & CHEMICAL DATA

APPEARANCE: YELLOW COLORED LIQUID	EVAPORATION RATE: EQUAL TO WATER
ODOR: MILD	VAPOR DENSITY (AIR =1): N.AP.
BOILING PT.: 212°F (100°C)	VAPOR PRESSURE (MM): N.AP.
FREEZING PT.: APPROX. 320°F (°C)	SOLUBILITY IN WATER: SOLUBLE
pH: APPROX. 7.0	SPECIFIC GRAVITY (WATER = 1): 1.02
% VOLATILE: 80%	CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N.AV.
ODOR THRESHOLD (PPM): N.AV.	

4. FIRE & EXPLOSION HAZARDS

FLASH POINT: None
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: N.AP.
 FIRE FIGHTING MEDIA (1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5): Dry chemical, CO₂, water spray or alcohol foam.
 SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus.
 UNUSUAL FIRE AND EXPLOSION: None
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon
 CONDITIONS OF FLAMMABILITY: Not flammable
 AUTO IGNITION TEMP. (°C): N.AP.
 EXPLOSION DATA: - SENSITIVITY TO MECHANICAL IMPACT: N.AP.
 SENSITIVITY TO STATIC DISCHARGE: N.AP.

5. REACTIVITY HAZARD DATA

STABILITY (CONDITIONS TO AVOID): Stable
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing and reducing agents.
 HAZARDOUS DECOMPOSITION PRODUCTS: N.AP.
 HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID): Will not occur

6. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION____ SKIN__X__ INGESTION____

WARNING! MAY CAUSE EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED.

SIGNS & SYMPTOMS OF EXPOSURE: (ACUTE & CHRONIC)

EYES: Liquid and vapors may cause irritation.
 SKIN: Prolonged contact may cause severe irritation.
 INGESTION: May cause abdominal pain and discomfort.

6. HEALTH HAZARD DATA (cont'd)

 INHALATION: Not likely route of exposure.
 IRRITANCY OF PRODUCT: Slight irritant.
 SENSITIZATION TO PRODUCT: N.AV.
 CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY: N.AV.
 TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N.AV.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Remove contact lenses, if worn. Flush with water for at least 15 min. Call a physician.
 SKIN: Remove any contaminated clothing, wash area with water or soap and water for at least 15 minutes, get medical attention.
 INHALATION: Remove to fresh air. If breathing is difficult get medical help.
 INGESTION: If conscious, give large amounts of water, induce vomiting, get medical help.

7. SPILL AND LEAK PROCEDURES

 LARGE SPILLS: Contain and transfer to container for use or disposal.
 SMALL SPILLS: Absorb onto rags and clean rags in cleaning unit.
 WASTE DISPOSAL METHOD: May be considered a hazardous waste, dispose of according to all applicable regulations. Incineration in permitted facilities or disposal in permitted landfills is preferred disposal methods.
 HANDLING PROCEDURES & EQUIPMENT: Avoid direct contact with product.
 STORAGE REQUIREMENTS: None

8. SPECIAL PROTECTION, PREVENTATIVE MEASURES/IN CASE OF LARGE SPILL OR FIRE

 ENGINEERING CONTROLS/VENTILATION: Local exhaust system.

RESPIRATOR: THE FOLLOWING RESPIRATORS ARE RECOMMENDED & RANKED IN ORDER FROM MIN. TO MAX. PROTECTION:

CHEMICAL CARTRIDGE RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE WITH A FULL FACE PIECE.
 GAS MASK WITH ORGANIC VAPOR CANISTER WITH A FULL FACE PIECE.
 TYPE 'C' SUPPLIED-AIR RESPIRATOR WITH FULL FACE PIECE.
 SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND

PERSONAL PROTECTIVE EQUIPMENT: Wear goggles when handling product.

9. TRANSPORTATION DATA

 DOT HAZARD CLASSIFICATION 49 CFR172.101: None, not regulated
 DOT LABEL: None
 U.N./IATA: Not regulated

10. STATE RIGHT TO KNOW INFORMATION

 -----WATER C.A.S. # 7732-18-5, FATTY ACID SALTS - C.A.S.
 #(NONE), DIOCTYL SULFOSCLINATE C.A.S. #577-11-7, ISOPROPYL ALCOHOL C.A.S. #67-63-0, HEXYLENE GLYCOL C.A.S.
 #107-41-5

 -----ABBREVIATIONS:
 OSHA = Occupational Safety & Health Administration
 TWA = Time Weighted Average for 8 Hours
 Mg/M³ = Milligrams per Cubic Meter of Air
 NFPA = National Fire Protection Agency
 (C) = Ceiling, Limit for Exposure
 DOT = Department of Transportation
 MG/KG = Milligrams per Kilogram (1,000 grams)
 WHMIS = Workplace Hazardous Materials Information System - Canada
 ACGIH = American Conference of Government Industrial Hygienists
 R.Q. = Amount of spill that must be reported to EPA
 SARA Title III, Sec. 313 = Superfund Amendments and Reauthorization Act
 C.A.S. = Chemical Abstract Service Number
 LD 50 = Lethal Dose for 50% Test Animals
 PEL = Permissible Exposure Level
 STEL = Short Term Exposure Level (15 min)
 ppm = part(s) per million
 SKN = Skin Effects
 IATA = International Air Transport Association
 N.AV. = Not Available
 N.AP. = Not Applicable
 U.N. = United Nations

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