

## MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT NAME &amp; 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)
ISOPROPYL ALCOHOL	≤ 9.0	PEL N.A.V.	TWA STEL N.A.V. 25(C)	3,700 ORAL-RAT

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

## 3. PHYSICAL &amp; 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.A.V.
ODOR THRESHOLD (PPM): N.A.V.	

## 4. FIRE &amp; 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, CO<sub>2</sub>, 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 SULFOSCCLINATE 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	C.A.S. = Chemical Abstract Service Number
TWA = Time Weighted Average for 8 Hours	LD 50 = Lethal Dose for 50% Test Animals
Mg/M <sup>3</sup> = Milligrams per Cubic Meter of Air	PEL = Permissible Exposure Level
NFPA = National Fire Protection Agency	STEL = Short Term Exposure Level (15 min)
(C) = Ceiling, Limit for Exposure	ppm = part(s) per million
DOT = Department of Transportation	SKN = Skin Effects
MG/KG = Milligrams per Kilogram (1,000 grams)	IATA = International Air Transport Association
WHMIS = Workplace Hazardous Materials Information System - Canada	N.AV. = Not Available
ACGIH = American Conference of Government Industrial Hygienists	N.AP. = Not Applicable
R.Q. = Amount of spill that must be reported to EPA	U.N. = United Nations
SARA Title III, Sec. 313 = Superfund Amendments and Reauthorization Act	

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