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MATERIAL SAFETY DATA SHEET

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SECTION I – PRODUCT DESCRIPTION

Product Name:
 ClenAir Odor Neutralizer (gel formula)

Date Prepared: 07-20-00

Chemical Synonyms: none

Chemical Family: none

HAZARD RATING

Health:

Least 1

Slight 2

Moderate 3

Fire:

1

1

Reactivity:

1

SECTION II – INGREDIENTS

Ingredient/C.A.S. Number	%	Exposure Limits			
		OSHA		ACGIH	
		TWA	STEL	TWA	STEL
Water/ 007732-18-5	75%	NE	NE	NE	NE
Ethanol/ 64-17-5	6%	1000ppm	NE	1000pp	NE
Resinated Sodium Stearate/ NE	6%	NE	NE	NE	NE
Benzene, 1, 1-oxybis, tetrapropylene derivatives, sulfonated sodium salts/ 1199345-04-9	5%	NE	NE	NE	NE
Propylene Glycol/ 56-81-5	5%	15mg/m3	NE	10mg/m	NE
Perfumes					
dodecyl methacrylate/ 142-90-5	2%	NE	NE	NE	NE
tetradecyl methacrylate/2549-53-3		NE	NE	NE	NE
lauryl acetate/ 112-66-3		NE	NE	NE	NE
linalool/ 78-70-6		NE	NE	NE	NE
linamic aldehyde/ 104-55-2		NE	NE	NE	NE
oenanthic ether/ NE		NE	NE	NE	NE
benzophenone/ 119-61-9		NE	NE	NE	NE
Other Ingredients	1%				

SECTION III – PHYSICAL DATA

Boiling Point: N/A

Specific Gravity: 0.987 @ 77F

Vapor Pressure: Not Determined

Melting Point: Approx. 120 Degrees F

Freezing Point: Freezes at Lower Temperature

Vapor Density: Not Determined

Evaporation Rate: Not Determined (Controlled Release)

% Volatile by Weight: 8.3%

Solubility in Water: Miscible

Appearance, Odor: Solid Gel, Fragrant
Odor Threshold: Not Determined
Color: Cream
pH: Range 6-8

Density: Not Determined

Viscosity: Not Determined

SECTION IV – FIRE AND EXPLOSION DATA

Flammable: No

Combustibility: No, will but will burn

Flash Point: 200 Degrees F

Unusual Fire & Explosion Hazards: No, and not considered pyrophoric

Extinguishing Media: Foam, Carbon Dioxide and Dry Chemical Extinguishants
Water or foam may cause frothing (Apply carefully)

Explosion Hazard: No, and not considered pyrophoric

Hazardous Combustion Products: Carbon, Sulfur, Hydrogen, Oxygen and Carbon Monoxide (Exact composition depends on combustion)

Fire Fighting Equipment: Full protective gear (Including: full bunker gear and SCBA respiratory protection)

SECTION V – HEALTH AND HAZARD DATA

Effects of Acute Overexposure:

Eye Contact: An irritant based on animal testing

Skin Contact: Will produce skin irritation upon prolonged contact

Ingestion: Ingesting large amounts of ethanol can cause drowsiness, fatigue and narcosis

Toxicological Information:

Acute Oral Effects: Not determined. Toxicity due to oral administration is expected to be low.

Acute Dermal Toxicity: Not determined. Toxicity via dermal exposure is expected to be low.

Multiple Dose Dermal Toxicity: After a two-week study rats showed a slight decrease in body weight. However, no toxicity was noted and organ weights were not affected.

Inhalation Toxicity: A two-week study in the rat at 50mg/m³ showed no observed adverse effect level.

Eye Irritation: Mild conjunctival irritation was produced in rabbits and cleared by day four.

Skin Irritation: No skin irritation was noted

Sensitization: No sensitization was noted after a ten dose repeated insult patch test in humans.

Mutagenesis: Negative in the Ames test

SECTION VI – EMERGENCY & FIRST AID PROCEDURES

Ingestion: Consult Physician

Eyes Contact: Flush eyes with water for 15 minutes and consult physician

Skin Contact: Wash with soap and water for 15 minutes and consult Physician.

SECTION VII – REACTIVITY DATA

NFPA LABEL

HAZARD RATING		SCALE
Toxicity	1	4 – Extreme
Fire	1	3 – High
Reactivity	1	2 – Moderate
Special	-	1 – Slight
		0 – Insignificant

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SECTION VIII – SPILL OR LEAK PROCEDURES

Clean - up: If gel becomes liquefied, contain with sand or dirt. Do not use combustible materials like sawdust. After spill is absorbed. Place in chemical waste container. Avoid runoff into systems that lead to waterways. Caution: Material causes smooth slippery surface on floors.

Waste Disposal: Mixture can be treated in an acclimatized biological waste treatment system. ClenAir is not considered a hazardous waste under 40 CFR 261. State and Local requirements for disposal may be more restrictive

SECTION IX – PROTECTIVE EQUIPMENT TO BE USED

Gloves: Neoprene gloves with prolonged hand contact with gel

Eye Protection: Safety glasses during transfer operations

SECTION X – STORAGE & TRANSPORTATION REQUIREMENTS

Storage Requirements: Keep in closed container. Keep in diked area to avoid spills (only necessary when in liquid.) Keep away from oxidizing materials.

Handling Procedures: **Make sure containers are properly secured.** Avoid contact with eyes, skin and clothing

SECTION XI – SPECIAL PRECAUTIONS OR OTHER COMMENTS

Prepared by: Eagle Industrial Hygiene Associates
Business Phone Number: (215) 672-6088

Date Issued: 12/17/97

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ABBREVIATIONS:

ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
TLV – Threshold Limit Value
PEL – Permissible Exposure Limit
TWA – Time Weighted Average
STEL – Short-Term Exposure Limit
BAc – Butyl acetate

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