U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET

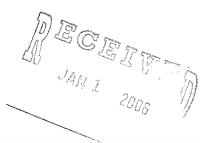
(Prepared According to 29 CFR 1910.1200)

SECTION 1

IDENTIFICATION

Product Name: Manufacturer's Name: Manufacturer's Address: Manufacturer's Phone Number: Emergency Phone Number: Proper Shipping Name: Effective Date:

FORMULA 494955 ZENATIZE FOAM ZENEX International 7777 First Place, Cleveland Ohio 44146 (440) 232-4155 1-800-535-5053 Consumer Commodity, ORM-D 10-15-01



SECTION 2 IDENTITY INFORMATION AND HAZARDOUS INGREDIENTS

Chemical Name:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chlorides n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chlorides CAS No.:

Notavailable

Notavailable

Notavailable

TLV:

Notavailable

SECTION 3

PHYSICAL DATA

Boiling Point: Solubility in Water: Vapor Density(Air=1): <0 to 343° F Soluble Heavier than air Specific Gravity($H_2O=1$): Evaporation Rate: pH: 0.97 ± 0.05 Slower than Ether 12.0 ± 0.5

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

Flash Point: Flash Point(Propellant): Flammable Limits(Propellant): Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Non-Flammable <0°F LEL: 1.1 UEL: 10.6 Use water fog, dry chemical or carbon dioxide. Aerosol cans may rupture when heated. Heated cans may burst.

SECTION 5

Stability:

Unstable____ Stable __X___

Incompatability (Materials to Avoid): Conditions to Avoid: Hazardous Decomposition or Byproducts: Hazardous Polymerization: REACTIVITY DATA

None known. High temperatures. In fire, will decompose to carbon dioxide, carbon monoxide Will not occur

SECTION 6 STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storing:

When spraying more than one half can continuously or more than one can consecutively,

useNIOSH approved respirator.

STORE AT TEMPERATURES BELOW 120°F KEEP AWAY FROM CHILDREN FOR USE BY TRAINED PERSONNEL ONLY KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY KEEP CONTAINER CLOSED DURING STORAGE

HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

SECTION 7

SKIN: Skin irritant. Will cause defatting of skin. Effects are reversible. EYES: Eye irritant. Will cause redness and burning sensation.

INHALATION: Effects of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination.Extreme overexposure may result in unconsciousness and possibly death.

INGESTION: Aspiration hazard if swallowed.

Prolonged overexposure to solvents in Section 2 may cause adverse effects to the liver, urinary and blood forming systems.

First Aid Procedures:

SKIN: Imr	mediately flush exposed area with water for at least 15 minutes. If irritation persists, get
me	dical attention. Remove contaminated clothing and launder before reuse.
EYES: Imr	mediately flush with large quantities of water for at least 15 minutes, lifting upper and lower
eye	elids occasionally. Seek medical attention.
INHALATIC	DN: Remove person to fresh air. If irritation persists, give oxygen, get medical attention.
INGESTION	In the second se Second second se
	Note: Never give anything by mouth to an unconscious or convulsing victim.
	Keep person warm and quiet.

SECTION 8 SPECIAL PROTECTION INFORMATION

Respiratory Protection: Self-		ntained breathing apparatus if above TLV limit.
Ventilation: Provid		local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Non		equired if spraying.
Eye Protection:	As with	all cleaners, ZENEX supports employee safety as priority #1. Therefore, we
	recomr	nend the use of safety glasses or chemical splash goggles.
Other Protective Equipment:		Long sleeves and long pants.
Work/Hygienic Practices:		Do not smoke while using. Wash hands after use.

SECTION 9

SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released or Spilled:

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method:

Dispose as hazardous waste in accordance with EPA RCRA.

SECTION 10

REGULATORY INFORMATION

SARA Title III, Section 313 Components: None

This information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition. We make no warranties, express or implied, and assume no liability in connection with any use of this information. 494955