



MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

US9111Z 6262 XX

COMPANY NAME: Calgon Vestal Laboratories

ADDRESS: 5035 Manchester Avenue
St. Louis, Missouri 63110Emergency Telephone No:
1-800-228-5635 Ext. 075

PRODUCT NAME: Vesta-Foam

Product No.: 8251

Synonyms: Aqueous Alkaline Foaming Detergent Solution

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL: (CAS#)	% By Wt.	TLV	PEL
Sodium Hydroxide (1310-73-2)	0.9	2mg/m3 (ceiling)	2mg/m3 (ceiling)
#Diethylene glycol n-butyl ether (112-34-5)	3.6	N/A	N/A
# Ingredient subject to reporting under Section 313 of Title III (SARA) and 40 CFR 372.			

III - PHYSICAL DATA

Vapor Pressure, mm Hg: N/A	Vapor Density (Air=1)60-90F: N/A
Evaporation Rate(ether=1): N/A	% Volatile by wt. @105C/2 hrs. 88%
Solubility in H2O: Complete	pH @ 1:20 Solution 11.6
Freezing Point F: Circa 30F	pH as Distributed: 13
Boiling Point F: @14.7 psig 212F	Appearance: Clear colorless liquid
Specific Gravity H2O=1 @25C: 1.03	Odor: None

IV - FIRE AND EXPLOSION

Flash Point F: None to boil

Flammable Limits: N/A

Extinguishing Media: Suitable for fire-water, CO2, foam, dry chemical.

Special Fire Fighting Procedures: Use caution when fighting any
chemical fire.

Unusual Fire and Explosion Hazards: N/A

V - REACTIVITY DATA

Stability - Conditions to avoid: None known

Incompatibility: Avoid strong acids, oxidizers.

Hazardous Decomposition Products: Forced ignition of dried residues
may produce CO, CO2, nitrogen oxides.

Conditions Contributing to Hazardous Polymerization: Will not occur.

(Cont'd on Page 2)

Vesta-Foam
VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects,

A. ACUTE (Primary Route of Exposure) EYES & SKIN: Corrosive to skin and eyes. Will cause severe irritation. INHALATION: Mists of use dilution may irritate throat and nasal passages. INGESTION: Possible burns of lips, mouth, throat and esophageal damage if the product is ingested. Oral LD50 (rats) is greater than 5000 mg/kg.
B. SUBCHRONIC, CHRONIC, OTHER: No available information was found.

VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush eyes immediately with cold running water for 15 minutes and get immediate medical attention. SKIN: Wash affected area thoroughly with cold running water. Get medical attention if irritation persists. Remove and wash contaminated clothing before reuse. INHALATION: Remove source of irritation. INGESTION: Immediately drink large volumes of water or milk followed by diluted vinegar or lemon juice. Get immediate medical attention.

VIII - SPILL OR LEAK PROCEDURES

Spill Management: Small spills may be mopped up and residue flushed to sewer with water. Rinse mop thoroughly before storing. May be neutralized with dilute acetic acid.

Waste Disposal Methods: Dispose of in accordance with local regulations. Product is biodegradable. May be toxic to fish. Discharge only to sewer serviced by waste treatment facility.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Avoid breathing spray or mists.	Eye: Goggles or face shield.	Glove: Rubber
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Other Clothing and Equipment: Safety apron.

Ventilation: Local exhaust.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: This product will withstand an occasional accidental freezing without loss in its normal performance characteristics. It must be thoroughly thawed and agitated (roll drum) before being used.

Additional Information: Read and observe labeled use instructions.

Prepared by: D. Godward

Revision Date: 12/16/91

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