



MATERIAL SAFETY DATA SHEET

Revision date: Jul 2019

1	Identification	Manufacturer Name	Nikita Transphase Adducts (P) Ltd, T-96 Tarapur MIDC, Boisar, 401 506, India Office: +91.22.2444 0141 / +91.22.2444 0142	
		Product Name	Foamax	
		Trade Name(s)	Foamax	
		Chemical Name	Benzalkonium Chloride (upto 25% alkaline solution) and proprietary surfactant.	
		Chemical Formula	NA	
		Mol Wt	NA	
2	Composition Information on Ingredients	Ingredient Name	Benzalkonium Chloride	Water
		Percentage	Upto 25%	Min 55%
		CAS Number	8001 – 54 – 5	7732 – 18 – 5
3	Hazards Identification	Emergency Overview	No specific hazards known	
		Potential Health Effects	Short Term	Long Term
		Inhalation	May cause irritation to respiratory track.	Not Available
		Skin	Causes skin irritation and burns.	Not Available
		Eye	Causes eye irritation and burns.	Not Available
		Ingestion	Harmful if swallowed. May cause severe and permanent damage to the digestive tract.	Not Available
4	First Aid Measures	Inhalation	Get medical aid immediately. Remove from exposure to fresh air immediately.	
		Skin	Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes..	
		Eye	Get medical aid immediately. Do NOT allow victim to rub or keep eyes closed. Extensive irrigation is required (at least 30 minutes).	
		Ingestion	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water.	
5	Fire Fighting Measures	Flammability Limits	IEL : N.A. UEL : N.A.	
		Extinguishing Media	CO2, Dry Chemicals, Foam	
		Flash Point	> 200 C	
		Fire Fighting Procedures	During emergency conditions, exposure to thermal decomposition/combustion products may be hazardous. Approved self-contained, fully covered breathing apparatus must be used.	
		Usual Fire and Explosion Hazard	When exposed to excessive heat and open flames, will emit acid/irritant fumes and/or smoke. No explosive hazards are expected.	
6	Accidental Release Measures	In case of Spillage or Leakage	Vacuum or sweep up material and place into a suitable isposal container. Clean up spills immediately, observing precautions in the Protective Equipment section.	
7	Handling and Storage	Precautions	Avoid prolonged breathing of vapour. Avoid prolonged/repeated dermal exposure. Use in areas with adequate ventilation. Keep from excessive heat, sources of fire or sparks.	
		Storage	Keep away from extremely hot areas, and keep containers sealed. Do not leave in open or semi open condition.	
8	Exposure Controls / Personal Protection	Skin	Use appropriate clothing/ impermeable synthetic rubber gloves to prevent exposure.	
		Ventilation	Maintain adequate flow of fresh air to maintain exposure levels minimal.	
		Respiration	If adequate ventilation not possible, use approved respiratory protection equipment.	
		Eye	Approved goggles to be used at all times.	

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9	Physical & Chemical Properties	Appearance	clear colorless to faint yellow
		Odor	Aromatic odor
		Solubility in Water	Soluble in water in all parts.
		Solubility in organic solvents	NA
		Melting Pt	NA
		Freezing Pt	NA
		Specific Gr	0.98
		Initial BP	NA
	Vap. Pres	NA	
10	Stability & Reactivity	Materials to Avoid	None known.
		Conditions to Avoid	Incompatible materials, dust generation, excess heat.
		Haz Decomposition Products	Hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen, ammonia.
11	Toxicology	Oral LD50	CAS# 8001-54-5: Oral, rat: LD50 = 240 mg/kg.
		Dermal	Mild irritant
		Inhalation	Irritating to nose and throat; coughing, chest pain, shortness of breath.
12	Ecological Information		Bacteria: Phytobacterium phosphoreum: EC50 = 0.6 mg/L; 15 min; Microtox test at 15°C Fish: Striped bass: LC50 = 1.5 mg/L; 24-96 Hr; (fingerling) Static bioassay Fish: Striped bass: LC50 = 0.5 mg/L; 24-96 Hr; (larvae) Static bioassay
13	Disposal Consideration		Chemical waste generators must determine whether a discarded chemical is classifiable as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part Additionally, waste generators must consult state and local hazardous waste regulators ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.
14	Transport Information	Classification	Class : 8 UN No : UN3267 Packing Group : I
15	Regulatory Information	EC labeling symbols	Hazard Symbols: C
		S Phrases	S26 S28B . S 36/37 /39 In case of contact with eyes Avoid contact with skin. After contact with skin, wash immediately with plenty of water Wear suitable protective clothing, gloves and eye/face protection.
16	Other Information		This product is considered hazardous under OSHA.
		R Phrases	R21/ 22 R34 Harmful if swallowed and contact with skin Causes burns
		S Phrases	S7 S17 S25 S26 S27 S28 S29 Keep container tightly closed. Keep away from combustible material. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of soap-suds. Do not empty into drains

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