MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-0; Reactivity-0; Special- -	**HMIS Rating:** Health-1; Flammability-0; Reactivity-0; Personal Protection-B
Manufacturer's Name: NATIONAL AMERICAN SALES Address:2391 TALBOT AVE, THIBODAUX, LA 70301	**DOT Hazard Classification:** Non Hazardous **Identity** (trade name as used on label): I.O.C. ODOR NEUTRALIZER
Date Prepared: 06/29/94 Prepared By: ES	**MSDS Number:** R 232 Revision - 7-
Information Calls: (404)422-2071 **EMERGENCY RESPONSE NUMBER: 1(800)255-3924**	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES	68391-01-5	No	N/E	N/E	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 100ºC	**Specific Gravity** (H_2O=1): 1.00
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/D
Vapor Density (Air = 1): N/D	**Evaporation Rate** (water = 1): 1
Solubility in Water: Miscible	**Water Reactive:** No

Appearance and Odor: Clear, blue, non-viscous water based liquid with perfumed fragrance.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A

FLASH POINT AND METHOD USED (non-aerosols): None (water based). **EXTINGUISHER MEDIA:** Non-combustible. Use media applicable to surrounding fire.	**SPECIAL FIRE FIGHTING PROCEDURES:** Heating product to dryness & decomposition in a fire can liberate noxious & toxic fumes. Firefighters should wear NIOSH approved supplied atmosphere breathing apparatus.

Unusual Fire & Explosion Hazards: Decomposition & oxidation of product in a fire can liberate noxious and/or toxic fumes. See Section #4.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE	**HAZARDOUS POLYMERIZATION** [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Anionic surfactants.	**Conditions to Avoid:** Excessive heat or cold.

Hazardous Decomposition Products: Oxides of carbon, nitrogen, hydrogen chloride, unidentified organic compounds.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [ ] INHALATION [ ] INGESTION [X] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS

Inhalation: Mists of product can cause irritation to mucous membranes.

Eye Contact: Can cause severe eye irritation, possibly damage.	**Skin Contact:** Repeated contact can cause severe irritation.

Ingestion: Toxic effects: Burning pain in mouth, throat, abdomen, swelling of larynx. Skeletal muscle paralysis, circulatory shock, convulsions.

CHRONIC EFFECTS: None known.

Medical Conditions Generally Aggravated by Exposure: Pre-existing irritation of skin and mucous membranes.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Get medical attention.

Skin Contact: Flush with water for at least 15 minutes.

Inhalation: Remove to fresh air.

Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water or large quantity of milk, egg whites or gelatin solution. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None normally needed.

Protective Gloves: Rubber or plastic.	**Eye Protection:** Safety glasses or chemical goggles.

Ventilation Requirements: Normal room ventilation is adequate.

Other Protective Clothing & Equipment: Clothing as needed to minimize contact. Eyewash station and safety shower.

Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Keep out of sewers & open bodies of water. Soak up spill in inert absorbent material. Place in leak-proof containers. Seal & label properly for disposal.

Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.

Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only