

# MATERIAL SAFETY DATA SHEET

NIOXIN Volumizing Reflectives Bodifying Foam

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## Section I: General Information

Chicago Aerosol, LLC  
1300 North Street  
Coal City, Illinois 60416

Emergency Phone: CHEMTREC  
(800) 424-9300  
Information Phone: (815) 634-5100  
Date Prepared: 03/28/08  
File:

Product is predominantly an aqueous solution containing hair fixative components expelled by hydrocarbon propellant.

NMFC: Toilet Preparations, N.O.I., In Boxes, N.M.F.C. Item 600000, RVNX, Class 70

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## Section II: Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity/Common Name)

	OSHA PEL	ACGIH TLV	%
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Isobutane CAS #75-28-5		N/E	< 10.0
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Ethane, 1,1-Difluoro CAS#75-37-6			< 5.0
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Hazard Ratings: Health – 1 Fire – 1 Reactivity – 0 Other – 0

(N/K = Not Known N/E = Not Established N/A = Not Applicable)

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## Section III: Physical/Chemical Characteristics

Boiling Point (of conc.): N/E Specific Gravity (of conc.): 1.01  
Melting Point: N/A  
Vapor Pressure (of container @ 70F, psig): 45-55 (Internal pressure will increase with temperature)  
Vapor Density (AIR=1): N/E Evaporation Rate (H2O=1): > 1  
Solubility in Water: Complete  
Appearance and Odor: Concentrate (conc.) is white, fragranced liquid. Product is expelled as white foam.

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## Section IV: Fire and Explosion Hazard Data

Flash Point: N/E Flammable Limits: LEL 2.1\* UEL 13.0\*  
Extinguishing Media: CO2 or dry chemical for small fires. Foam for large fires.  
Special Fire Fighting Procedures: Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained breathing apparatus in confined areas.  
Cool fire-exposed containers with direct water spray.

(\* For pure propellant)

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**Section IV: Fire and Explosion Hazard Data (Continued)**

Unusual Fire and Explosion Hazards: Flammable vapors may travel along floor to be ignited by distant ignition sources. Containers subject to fire may develop sufficient internal pressure to rupture with explosive force.

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**Section V: Reactivity Data**

Stability: Stable      Conditions to Avoid: Keep away from heat or ignition sources.

Incompatibility: Keep concentrate away from strong oxidizing agents.

Hazardous Decomposition or Byproducts: Combustion of liquid may form oxides of carbon and nitrogen.

Hazardous Polymerization: Will not occur.

Conditions to avoid: None known when used as directed.

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**Section VI: Health Hazard Data**

Route(s) of Entry: Inhalation. Eye, skin and ingestion.

Health Hazards (Acute and Chronic): Inhalation – possible irritation of respiratory tract. Eye – possible irritation. Ingestion – irritation of gastrointestinal tract. Skin – possible irritation from large doses.

Carcinogenicity: N/A

Signs and Symptoms of Overexposure: Inhalation – irritation of respiratory tract, headache, dizziness, fatigue. Ingestion – irritation of gastrointestinal tract, nausea, diarrhea, vomiting. Eye – irritation or burning sensation. Skin – irritation or reddening.

Medical Conditions Generally Aggravated by Exposure: None known when used as directed.

Emergency and First Aid Procedures: Inhalation – remove victim to fresh air, obtain medical attention if necessary. Ingestion – call a physician or poison control center, induce vomiting only on the advice of a physician. Eyes – flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(NOTE: This product is considered safe when used as directed.)

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**Section VII: Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled: Eliminate all ignition sources (vapor flammable). Ventilate area. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non-flammable absorbent material for disposal.

Waste Disposal Method(s): Incineration of liquid, incineration or landfill of contaminated absorbent in accordance with local, state or federal regulations. Contact local authorities for proper disposal method.

Precautions to be Taken in Handling and Storing: Product should be kept in cool, dry environment. Keep product away from ignition sources.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

DISPOSE OF CONTAINER PROPERLY.

USE ONLY AS DIRECTED ON LABEL.

DO NOT ATTEMPT TO OPEN PRESSURIZED CONTAINER

UNDER ANY CIRCUMSTANCES.

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**Section VIII: Control Measures**

Respiratory Protection (Specify Type): None necessary when product is used as directed.

Ventilation: For salon use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable.

Protective Gloves: None necessary when product is used as directed.

Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes.

Work/Hygienic Practices: Normal safe working practices.

The information contained herein is based on the data available to us and is believed to be correct to the best of our ability. However, Chicago Aerosol, LLC makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from the intentional or non-intentional misuse of this product.