

MATERIAL SAFETY DATA SHEET

HAZARD RATING		
FIRE:	4	0 = Insignificant
TOXICITY:	1	1 = Slight
REACTIVITY:	1	2 = Moderate
SPECIAL:	-	3 = High
		4 = Extreme

Lamaur Professional Products
Division of Zotos International Inc.
100 Tokeneke Road, Darien, CT 06820
Phone No.: 203-656-7821
Monday Thru Friday (8:30 a.m. – 5:00 p.m. EST)

MSDS CODE: T14

24 HOUR EMERGENCY NO.: (800) 584-8038

Prepared: 01/17/00

Current MSDS Update: 03/04/03

Page 1 of 2

I. MATERIAL IDENTIFICATION

PRODUCT NAME: NUCLEIC A® BOTANICAL™ Hair Spray
(Aerosol Hair Fixative) **SYNONYM:** None

CHEMICAL FORMULA: Mixture **CAS NUMBER:** None

DOT PROPER SHIPPING NAME: Consumer Commodity **DOT HAZARD CLASS/ID NO:** ORM-D

EXPORT: Boxed Aerosol Dispenser **EXPORT:** IMO Class 9, Group 2, UN1950

U. S. SURFACE FREIGHT CLASSIFICATION: Toilet Preparation, NOI **DOT LABELING:** None

II. INGREDIENTS

<u>MATERIAL</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>TLV (units)</u>	<u>HAZARD DATA</u>
Ethanol 40B	64-17-5	< 70	1000 ppm TWA Eye irritant.	ACGIH Mfr.
Butane	106-97-8	< 15	800 ppm TWA	ACGIH
Propane	74-98-6	< 15	Simple asphyxiant.	ACGIH

Also contains: resin, hydrolyzed yeast protein, silicone, neutralizing agent, and fragrance. May also contain isobutane.

Ingredients not precisely identified are proprietary and non hazardous.

III. PRECAUTIONARY STATEMENTS

WARNING: CONTENTS FLAMMABLE. Do not spray near open flame or while smoking. Do not smoke until hair is fully dry. Avoid spraying in eyes. If contact occurs, rinse promptly with plenty of water. Contents under pressure. Do not puncture or incinerate. Do not store at temperatures above 120°F. **KEEP OUT OF REACH OF CHILDREN.** Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

IV. PHYSICAL DATA

BOILING POINT, 760 mm Hg:	na	VAPOR PRESSURE at 20°C:	44 psig
SPECIFIC GRAVITY (H₂O = 1):	0.83	SOLUBILITY IN WATER:	73%
VAPOR DENSITY (air = 1)	>1	EVAPORATION RATE (water = 1) :	>1
VOLATILES BY VOLUME, %:	>75	pH:	na
APPEARANCE AND ODOR:	Fragranced aerosol spray		

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: - 156°F **FLAMMABLE LIMITS IN AIR: LEL:** 1.8% **UEL:** 9.5%

EXTINGUISHING MEDIA: ABC all-purpose extinguisher or CO₂ extinguisher.

SPECIAL FIRE FIGHTING PROCEDURES: Use positive pressure, self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may be ignited by flames, sparks, pilot lights, electrical and ignition sources.

na = not applicable; ca = approximately; < = less than; > = greater than

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Product Name: NUCLEIC A® BOTANICAL™ Hair Spray (Aerosol Hair Fixative)

MSDS CODE: T14

Page 2 of 2

VI. HEALTH HAZARD INFORMATION

HAZARD DATA: Consumer experience with this type of personal care product indicates this formulation is expected to be an eye irritant, but not a skin irritant. Based on animal test data from similar formulations tested in accordance with FHSA, the Oral LD₅₀ is expected to be > 5000 mg/kg.

EFFECTS OF OVEREXPOSURE: Eye irritation may occur if sprayed directly into the eyes.

EMERGENCY AND FIRST AID PROCEDURES: EYE CONTACT: Flush eyes immediately with plenty of clean, lukewarm water. If irritation or discomfort continues, seek medical attention.
INHALATION: Remove person to fresh air and call a physician immediately.

VII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Avoid oxidizing agents.

CONDITIONS TO AVOID: Impact, open flame, sunlight, heat above 120°F, ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

For Large Spill: Dike far ahead of spill and collect for later disposal.

WASTE DISPOSAL METHOD: Do not puncture or incinerate. Consult applicable local, state and federal regulations. Notify treatment plant in case of large spill.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required.

VENTILATION: Should be adequate to avoid irritating concentrations. Use exhaust system.

PROTECTIVE GLOVES: Not required.

EYE PROTECTION: Not required.

OTHER PROTECTIVE MEASURES: None.

X. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in accordance with NFPA 30B for Level II aerosols.

FLAMMABLE: Do not puncture or incinerate. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Do not store at temperatures above 120°F. Store in a room with even, normal temperature away from sunlight, radiators, and heating elements.

OTHER PRECAUTIONS: STORE OUT OF REACH OF CHILDREN.

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