

# MATERIAL SAFETY DATA SHEET

HAZARD RATING		
FIRE:	3	0 = Insignificant
TOXICITY:	0	1 = Slight
REACTIVITY:	0	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: G31

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

Prepared: 01/15/00

Current MSDS Update: 03/04/03

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## I. MATERIAL IDENTIFICATION

PRODUCT NAME: **GAMMA pHACTOR®** Conditioner & Set Concentrate      SYNONYM: None  
CHEMICAL FORMULA: Mixture      CAS NUMBER: None  
DOT PROPER SHIPPING NAME: Consumer Commodity, ORM-D      DOT HAZARD CLASS/I.D. NO: None  
U. S. SURFACE FREIGHT CLASSIFICATION: Toilet Preparation, NOI      DOT LABELING: None

## II. INGREDIENTS

MATERIAL	CAS NUMBER	PERCENT	TLV (units)	HAZARD DATA
PVP/VA Copolymer	250-86-899	> 15	None.	ACGIH
Ethanol 40B	64-17-5	> 40	1000 ppm TWA Eye irritant.	ACGIH Mfr.

Also contains water, resin, pH adjuster, surfactant, shine enhancers, conditioners preservatives, fragrance and color

*Ingredients not precisely identified are proprietary and non hazardous.*

## III. PRECAUTIONARY STATEMENTS

**WARNING: FLAMMABLE.** Do not use near flame or heat unless concentrate has been diluted with water. Avoid contact with eyes. **KEEP OUT OF REACH OF CHILDREN.**

## IV. PHYSICAL DATA

BOILING POINT, 760 mm Hg:	na	VAPOR PRESSURE at 20°C:	na
SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	ca 1	SOLUBILITY IN WATER:	Complete
VAPOR DENSITY (air = 1):	> 1	EVAPORATION RATE (water = 1) :> 1	
VOLATILES BY VOLUME, %:	> 40	pH:	3.0 - 4.0
APPEARANCE AND ODOR:	Clear, light red, slightly viscous liquid.		

## V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 55°F

FLAMMABLE LIMITS IN AIR:

LEL: 1.8%    UEL: 9.5%

EXTINGUISHING MEDIA: ABC all-purpose extinguisher or CO<sub>2</sub> 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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### VI. HEALTH HAZARD INFORMATION

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

**EFFECTS OF OVEREXPOSURE:** Eye injury may occur if product comes in contact with the eyes.

**EMERGENCY AND FIRST AID PROCEDURES:** EYES: Flush eyes immediately with plenty of clean, lukewarm water. If irritation or discomfort continues, seek medical attention.

### VII. REACTIVITY DATA

**STABILITY:** Stable.

**INCOMPATIBILITY:** None.

**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:

Small Spill: Mop up excess material and flush with large volume of water.

Large Spill: Immediately dike far ahead of spill and notify treatment plant.

**WASTE DISPOSAL:** Follow all local, state and federal regulations and notify treatment plant in case of large spill.

### IX. SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Not required if ventilation is adequate.

**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: FLAMMABLE.** Do not use near fire or flame. Do not smoke until hair has dried. Use only as directed. Store in a room with even, normal temperature and away from sunlight, radiators, and heating elements.

**OTHER PRECAUTIONS:** STORE OUT OF REACH OF CHILDREN.

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