



APPROVED BY U.S. DEPARTMENT OF LABOR
"ESSENTIALLY SIMILAR" TO FORM OSHA-20

BG 513XX

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME: BIO-GROOM Groom'n Fresh Cologne for Pets SIZE: 8 FL oz, QT., Gallon

CHEMICAL NAME: Perfume oils in SDA-40 Ethyl Alcohol

FORMULA: Mixture

MANUFACTURER: BIO-DERM Laboratories, Inc.

ADDRESS: P.O. Box 8070, Longview, TX 75607

FOR INFORMATION ON HEALTH HAZARDS CALL: (903) 753-6744

FOR OTHER INFORMATION CALL: Same number as above INFORMATION EFFECTIVE AS OF:

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT (S)	%	TLV (Units)
Ethyl Alcohol, flammable, fire risk		
CAS Reg. No. 64-17-5		
The active ingredients in this cologne product are non hazardous		

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	172.5° F/78.3° C	SPECIFIC GRAVITY (H ₂ O=1)	0.816 (60.8° F/15.6° C)
VAPOR PRESSURE (mm Hg.)	43mm (68° F/20° C)	PERCENT VOLATILE BY VOLUME (%)	80
VAPOR DENSITY (AIR=1)	1.59	EVAPORATION RATE (_____ = 1)	Not determined
SOLUBILITY IN WATER	Miscible with water		
APPEARANCE AND ODOR	Lightly amber colored, volatile liquid with pleasant fragrance		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Closed cup: 55° F (13° C)	FLAMMABLE LIMITS	Lel	Uel
		3.53% (25° C/ 177° F)	21.2% (64° C/147° F)
EXTINGUISHING MEDIA	Water spray, CO ₂ , dry chemical		
SPECIAL FIRE FIGHTING PROCEDURES	Use water spray to keep fire-exposed containers cool.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Flammable liquid. Keep away from heat, sparks and flame. Keep container closed. Ethanol vapors are heavier than air and may travel along ground or may be moved by ventilation to source of ignition. Use water spray to dilute to a non-flammable mixture.		