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MSDS

# MATERIAL SAFETY DATA SHEET

X\_AEROSOL LIQUID

# $\underline{\textbf{SECTION} \ \textbf{I: PRODUCTION INFORMATION}}$

MANUFACTURER'S NAME: AFASSCO, INC.

2244 PARK PLACE, SUITE C MINDEN, NV 89423 ADDRESS:

EMERGENCY TELEPHONE: (775) 783-3555

TRADE NAME: Spray Septic CHEMICAL NAME: Mixture PRODUCT USE: Personal care FORMULA NUMBER: 020-011 UN 1950

WHMIS CLASSIFICATION: A, D-2B, B-5 Flammable Aerosol

# SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBE	ER PIN (UN)	% WEIC	GHT EXPOSURE LIMITS TLV,LD50,LC50
Ethyl Alcohol	64-17-5	(1987)	25 - 40	TLV 1000 ppm Rat,oralLD50 14g/Kg Derm,Rbt LD50 >20g/Kg Inh.Rat LC50:21700ppm 21.8 Hr
Disobutylphenoxyethoxy Ethyldimethyl benzylammor Chloride monohydrate	121-54-0 iium		.010	2 LD50: 420mg/Kg(oral-rat) 3g/Kg(skin-rab.)
PROPELLANT(S):				
Isobutane	75-28-5	(1075)	20-30	TLV 1000 ppm
Propane	74-98-6	(1075)	5-10	
Dimethyl ether	115-10-6	(1033)	25-35	LC50:308mg./m³(inh.rat) LC50: 1365ppm(inh.mouse)

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#### THE FOLLOWING PHYSICAL DATA ARE APPROXIMATE ONLY AND DO NOT REPRESENT SPECIFICATION VALUES. THEY SHOULD ONLY BE USED IN THE CONTEXT OF THIS MATERIAL SAFETY DATA SHEET PHYSICAL STATE : Mixture of Liquid and propellant BOILING POINT (°C) : N/A VAPOUR PRESSURE (psig at 21 °C) : 55 -65 psig VAPOUR DENSITY (AIR=1) :>1 SOLUBILITY IN WATER (%by Wt) : 35% APPEARANCE AND ODOUR : Clear liquid SPECIFIC GRAVITY (WATER=1) : .800 % VOLATILE BY VOLUME : <95% EVAPORATION RATE(n-BUTYL ACETATE=1) :< 1 : N/A pН FREEZING POINT : N/A SECTION IV: FIRE AND EXPLOSION HAZARDS METHOD USED X TAG CLOSED CUP FLASH POINT : < -73°C Propellant only ESTIMATED FLAMMABLE LIMITS IN AIR (% BY VOLUME) LOWER : 1.8-2.2 UPPER : 8.4-9.5 AUTO IGNITION TEMPERATURE: N/A °C X DRY CHEMICAL, CO2, FOAM EXTINGUISHING MEDIA \_OTHER SPECIAL FIRE FIGHTING PROCEDURES: X WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP IF EXPOSED TO EXTREME TEMPERATURES. OTHER UNUSUAL FIRE AND EXPLOSION HAZARDS: $\underline{\hspace{0.1cm} X}\hspace{0.1cm}$ CONTAINERS MAY EXPLODE IF EXPOSED TO TEMPERATURES > 50 °C. X SENSITIVE TO SHOCK X SENSITIVE TO STATIC DISCHARGE FLAMMABILITY OF AN AEROSOL IS DETERMINED BY FLAME PROJECTION.THE FLAME PROJECTION OF THIS PRODUCT IS CLASSIFIED AS: \_ ZERO cm (NON-FLAMMABLE) (CAUTION) 0 - 15 cm 15- 45 cm (WARNING) X OVER 45 cm (DANGER) HAZARDOUS COMBUSTION PRODUCTS: POSSIBLE PHOSGENE OVER 500 °C HYDROCARBON FUMES AND SMOKE, CO WHERE COMBUSTION IS INCOMPLETE. OTHER

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SECTION III: PHYSICAL DATA

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SECTION V: REACTIVITY DATA				
STABILITY	:_X STABLE UNSTABLE			
HAZARDOUS POLYMERIZATIO	N:_X WILL NOT OCCUR MAY OCCUR			
CONDITIONS TO AVOID	:_X STORAGE IN HOT, UNVENTILATEDOTHER	AREAS		
HAZARDOUS DECOMPOSITION PRODUCTS	POSSIBLE PHOSGENE OVER 500 °C     MYDROCARBON FUMES AND SMOKI COMBUSTION IS INCOMPLETE     OTHER	E,CO WHERE		
SECTION VI: TOXICOLOGIC	AL PROPERTIES			
THRESHOLD LIMIT VALUE: SE	E SECTION II			
EFFECTS OF OVEREXPOSURE:	X_ACUTE: DIZZINESS, NAUSEA, IRRITAT AND EYES CHRONIC: SOLVENTS MAY CAUSE DEF DERMATITIS.			
TOXICOLOGICAL SYNERGISTIC	C PRODUCTS:			
SENSITIZATION TO PRODUCT:	SKINRESPIRATORYALLERGEN X_PRESENTLY UNKNOWN			
REPRODUCTIVE EFFECTS : $\frac{N}{N}$ TERATOGENICITY : $\frac{N}{N}$ MUTAGENICITY : $\frac{N}{N}$	<u>A</u>			
	NON-IRRITANT _ IRRITANT _ PRESENTLY UNKNOWN			
CARGINOGENICITY OF PRODUCT: X PRESENTLY UNKNOWN				
SECTION VII: PREVENTIVE N	MEASURES N THIS SECTION INDICATE THE TYPE OF E	COLUDMENT		
WHICH WILL PROVIDE PROTECTIONS OF USE, ADEQUA	CTION AGAINST OVER EXPOSURE TO THIS CY OF ENGINEERING OR OTHER CONTROI LL DICTATE THE NEED FOR SPECIFIC PROT	PRODUCT. L MEASURES		
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PERSONAL PROTECTIVE EQUIPMENT TO BE USED

PROTECTIVE GLOVES: \_ REQUIRED

X NOT NORMALLY REQUIRED

EYE PROTECTION

REQUIRED NOT NORMALLY REQUIRED

OTHER PROTECTIVE :

REQUIRED **EQUIPMENT** NOT NORMALLY REQUIRED

VENTILLATION \_LOCAL

\_MECHANICAL IF USED INDOORS ON A CONTINUOUS

**BASIS** 

### SPILL OR LEAK PROCEDURE

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL

AND FEDERAL REGULATIONS STEP TO BE TAKEN IN CASE

MATERIAL IS RELEASED OR SPILLED.

REMOVE ALL SOURCE OF IGNITION, USE INERT

ABSORBENT MATERIAL AND NON-SPARKING TO AVOID

BREATHING FUMES.

VENTILATE AREA. PREVENT FROM ENTERING A WATER

COURSE.

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN A COOL, WELL-VENTILLATED AREA NOT TO EXCEED 50  $^{\circ}\mathrm{C}$ 

OTHER PRECAUTIONS: DO NOT PUNCTURE OR INCINERATE CONTAINERS EVEN WHEN

EMPTY.

### SECTION VIII: FIRST AID MEASURES

REMOVE PATIENT TO FRESH AIR. FLUSH EXPOSED SKIN AND EYES WITH COPIOUS AMOUNTS OF WATER. IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

### SECTION IX: PREPARATION INFORMATION

DATE OF PREPARATION: Feb. 14, 2007

THE INFORMATION CONTAINED IN THIS FORM IS BASED ON DATA FROM SOURCES CONSIDERED TECHNICALLY RELIABLE AND HAS BEEN PREPARED IN GOOD FAITH IN ACCORDANCE WITH THE AVAILABLE MATERIAL. IT IS PROVIDED AS A SERVICE TO THE PERSONS USING THE PRODUCT BUT CONDITIONS OF USE AND HANDLING MAY INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS BEYOND THE CONTROL OF AFASSCO INC. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AND AFASSCO, INC. WILL NOT BE LIABLE FOR ANY DAMAGES, LOSSES, INJURIES OR CONSEQUENTIAL DAMAGES WHICH MAY RESULT FROM THE USE OR RELIANCE ON ANY INFORMATION CONTAINED IN THIS FORM.

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