

BOYLE-MIDWAY HOUSEHOLD PRODUCTS INC -- HOLIDAY HOUSEHOLD INSECT FOGGER  
(REGULAR), 02475 -- 6840-00N049388

===== Product Identification =====

Product ID:HOLIDAY HOUSEHOLD INSECT FOGGER (REGULAR), 02475  
MSDS Date:08/09/1990  
FSC:6840  
NIIN:00N049388  
MSDS Number: BSVPG  
=== Responsible Party ===  
Company Name:BOYLE-MIDWAY HOUSEHOLD PRODUCTS INC  
Address:SOUTH AVE AND HALE ST  
City:CRANFORD  
State:NJ  
ZIP:07016  
Country:US  
Info Phone Num:201-276-3900  
Emergency Phone Num:800-338-6167  
Preparer's Name:GENE F. TAPPAN  
CAGE:71112  
=== Contractor Identification ===  
Company Name:BOYLE-MIDWAY HOUSEHOLD PROD AMERICAN HOME PRODUCTS  
Address:685 3RD AVE 6TH FLOOR  
City:NEW YORK  
State:NY  
ZIP:10017-4074  
Country:US  
Phone:201-660-5000 1-800-544-5680  
CAGE:71112  
Company Name:BOYLE-MIDWAY INC  
Address:SOUTH AVE AND HALE ST  
Box:City:CRANFORD  
State:NJ  
ZIP:07016  
Country:US  
Phone:908-276-3900  
CAGE:90994

===== Composition/Information on Ingredients =====

Ingred Name:BENZENEACETIC ACID, 4-CHLORO-ALPHA-(1-METHYLETHYL)-,  
CYANO(3-PHENOXYPHENYL) METHYL ESTER; (FENVALERATE)  
CAS:51630-58-1  
RTECS #:CY1576350  
Fraction by Wt: 80%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:TOLUENE, ALPHA-(2-(2-BUTOXYETHOXY)ETHOXY)-4,  
5-(METHYLENEDIOXY)-2-PROPYL-; (PIPERONYL BUTOXIDE)  
CAS:51-03-6  
RTECS #:XS8050000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:5-NORBORNENE-2, 3-DICRABOXIMIDE, N-(2-ETHYLHEXYL)-;  
(MGK-264)  
CAS:463-04-7  
RTECS #:RB8575000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ETHANE, 1,1,1-TRICHLORO-; (METHYL CHLOROFORM)

(1,1,1-TRICHLOROETHANE)

CAS:71-55-6

RTECS #:KJ2975000

OSHA PEL:350 PPM;450 STEL

ACGIH TLV:350 PPM;450 STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

OSHA PEL:1000 PPM

ACGIH TLV:SIMPLE ASPHYXIAN

Ingred Name:SUPDAT:IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS.

ADRENOMIMETICS (E.G.EPINEPHRINE) MAY BE CONTRAINDICATED(ING 7)

RTECS #:9999999ZZ

Ingred Name:ING 6:EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR  
CHRONICALLY EXPOSED TO CHLOROCARBONS .

RTECS #:9999999ZZ

Ingred Name:OTHER PREC:WASHED BEFORE USE. REMOVE PETS & COVER FISH  
AQUARIUMS & DELICATE PLANTS BEFORE SPRAYING. REMOVE ALL (ING 9)

RTECS #:9999999ZZ

Ingred Name:ING 8:MOTOR VEHICLES BEFORE USING IN GARAGES. IN COMMERCIAL  
FOOD-HNDLG FACILITIES, COVER/REMOVE ANY FOOD & FOOD-(ING 10)

RTECS #:9999999ZZ

Ingred Name:ING 9:PROCESSING EQUIP DURING APPLICATION. DO NOT APPLY  
WHILE FOOD PROCESSING IS UNDERWAY. AFTER SPACE SPRAYING (ING 11)

RTECS #:9999999ZZ

Ingred Name:ING 10:IN BAKERIES/OTHER FOOD-PROCESSING PLANTS, WASH  
W/POTABLE WATER ALL EQUIP, BENCHES, SHELVING, WHERE EXPOS (ING 12)

RTECS #:9999999ZZ

Ingred Name:ING 11:FOOD WILL BE HNDLD. NO SMOKING IN AREA OF USE. DO  
NOT USE IN GEN VICIN OF ARC WELDING, OPEN FLAMES/HOT (ING 13)

RTECS #:9999999ZZ

Ingred Name:ING 12:SURFACES. HEAT &/OR UV RADIATION MAY CAUSE THE  
FORMATION OF HCL &/OR PHOSGENE .

RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:INGEST:NOT ORALLY TOX. SKIN:NOT  
PRIMARY IRRIT. EYE:NOT IRRIT. INHAL:NOT TOX. HLTH EFTS ASSOC  
W/EXPOS TO INDIVIDUAL INGS IN UNDILUTED FORMS ARE DISCUSSED BELOW.  
NOTE:THIS INFO CONCERNS HLTH EFTS ASSOC W/PROD INGS IN THEIR  
UNDILUTED STATE, AT HIGHER CONC LEVELS THAN WOULD BE DERIVED FROM  
NORMAL USE(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:OF FINISHED PROD I/A/W LBL DIRECTIONS.  
ING 3:MAY CAUSE SKIN IRRIT. BRTHG EXCESS VAP CONCS MAY ELICIT RESP  
IRRIT, NAUS & HDCHS. LONG-TERM SYSTEMIC HLTH EFTS UNKNOWN. ING  
4:EXPOS TO EXCESSIVE V APS CAN IRRIT NOSE, THROAT & LUNGS & CAUSE  
CNS EFTS INCL DIZZ, WEAK, FATG, NAUS, HDCH & UNCON. CHRONIC OVEREXP  
(SUPDAT)

Medical Cond Aggravated by Exposure:NONE KNOWN.

===== First Aid Measures =====

First Aid:INGEST:CALL MD/POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING. NOTE TO MD:MAY PRESENT ASPIRATION HAZARD. SKIN:REMOVE CONTAMINATED CLOTHING & WASH AFFECTED AREAS W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION OCCURS. EYE:FLUSH W/WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR AT LST 15 MINS. CALL MD IMMEDIATELY. INHAL:REMOVE VICTIM TO FRESH AIR. APPLY ARTF RESP IF INDICATED.

===== Fire Fighting Measures =====

Extinguishing Media:CO\*2, DRY CHEMICAL.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA & FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE. FLAME EXTENSION: 0-3 INCHES. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL & PHOSGENE .

===== Accidental Release Measures =====

Spill Release Procedures:SOAK UP W/ABSORBENT MATERIAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT USE/STORE NEAR HEAT/OPEN FLAME. EXPOS TO TEMPS >130F MAY CAUSE BURSTING. AVOID BRTHG VAPS/SPRAY MIST.  
Other Precautions:DO NOT OPERATE CLOTHES DRYER WHILE FOGGING. HARMFUL IF SWALLOWED/ABSORBED THRU SKIN. AVOID CONT W/SKIN & EYES. DO NOT APPLY DIRECTLY TO FOOD IN HOME, ALL FOOD-PROCESSING SURFS & UTENSILS SHOULD BE COV ERED DURING TREATMENT/THORO (ING 8)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .  
Ventilation:NONE.  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPRVD CHEM WORKER GOGGLES .  
Other Protective Equipment:NONE REQUIRED.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
VP:PRESS IN CAN:48 PSIG @ 70F. EFTS OF OVEREXP:MAY CAUSE CARDIAC ABNORM & DMG TO LUNGS, LIVER & KIDNEYS. ING 5:SIMPLE ASPHY WHICH MAY CAUSE CNS DEPRESS & CARDIAC SENSIT AT HIGH CONCS. CONTINUED EXPOX AT HIGH LEVELS MAY RSLT IN UNCON, COMA & DEATH. CHLOROCARBON MATLS HAVE PRDCD SENSIT OF MYOCARDIUM TO EPINEPHRINE(ING 6)

===== Physical/Chemical Properties =====

Vapor Pres:SUPP DATA  
Spec Gravity:1.3 (CONC)  
Solubility in Water:INSOLUBLE  
Appearance and Odor:AEROSOL SPRAY; CHARACTERISTIC CHLORINATED SOLVENT ODOR.  
Percent Volatiles by Volume:>95

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
MAY SOFTEN SOME ASPHALT OR N-WAX FLOORS.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:HCL, PHOSGENE .

===== Disposal Considerations =====

Waste Disposal Methods:WRAP CONTAINER & PUT IN TRASH COLLECTION. LARGE  
QUANTITY DISPOSAL: DEGAS CANS & COLLECT LIQUID CONTENTS. TRANSPORT  
TO SECURE LANDFILL, APPROVED INCINERATOR OR OTHER FACILITY IN  
ACCORD W/FEDERAL, STATE & LOCAL LAW.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.