

SOLARIS GROUPS OF MONSANTO CO -- ORTHO HORNET & WASP KILLER, 1000-055-M --  
6840-00N084995

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Product Identification  
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Product ID: ORTHO HORNET & WASP KILLER, 1000-055-M

MSDS Date: 07/20/1995

FSC: 6840

NIIN: 00N084995

MSDS Number: CGVKL

=== Responsible Party ===

Company Name: SOLARIS GROUPS OF MONSANTO CO

Box: 5008

City: SAN RAMON

State: CA

ZIP: 94583-0808

Country: US

Info Phone Num: 800-454-2333

Emergency Phone Num: 800-454-2333

CAGE: SXLAR

=== Contractor Identification ===

Company Name: SOLARIS GROUP OF MONSANTO CO

Box: 5008

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Composition/Information on Ingredients  
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Ingred Name: CARBAMIC ACID, METHYL-, O-ISOPROPOXYPHENYL ESTER; (PROPOXUR  
(BAYGON)) (SARA 313) (CERCLA)

CAS: 114-26-1

RTECS #: FC3150000

Fraction by Wt: 0.5%

OSHA PEL: 0.5 MG/M3

ACGIH TLV: 0.5 MG/M3

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Ingred Name: INERT INGREDIENTS

Fraction by Wt: 99.5%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

RTECS #: 9999999ZZ

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name: CARBON DIOXIDE

CAS: 124-38-9

RTECS #: FF6400000

OSHA PEL: 5000 PPM

ACGIH TLV: 5000 PPM/30000 STEL

Ingred Name: ISOPROPYL ALCOHOL (SARA 313)

CAS: 67-63-0

RTECS #: NT8050000

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM/500 STEL

Ingred Name: SUPDAT: OCCUR DURING ACT OF SWALLOWING/WHEN VOMIT  
SUBSTANCE. ONCE IN LUNGS, SUBSTANCE IS VERY DFCLT TO REMOVE & (ING  
7)

RTECS #: 9999999ZZ

Ingred Name: ING 6: CAN CAUSE SEV INJURY TO LUNGS & DEATH. INHAL:  
SUBSTANCE IS CONSIDERED PRACTICALLY NON-TOXIC TO INTERNAL (ING 8)

RTECS #: 9999999ZZ

Ingred Name: ING 7: ORGANS. COMMENTS HLTH: PROD ACTIVE INGRED IS  
CARBAMATE & CONSIDERED TO BE REVERSIBLE CHOLINESTERASE (ING 9)

RTECS #: 9999999ZZ

Ingred Name: ING 8: INHIBITOR. SIGNS & SYMPS MAY APPEAR W/IN 1-2 HRS  
FOLLOWING OVEREXP & MAY INCL, BUT MAY NOT BE LIMITED TO, (ING 10)

RTECS #: 9999999ZZ

Ingred Name: ING 9: HDCH, CONSTRICTION OF PUPIL OF EYE, BLURRED VISION,  
EXCESS SALIVATION/NASAL DISCHARGE, PROFUSE SWEATING, (ING 11)

RTECS #: 9999999ZZ

Ingred Name: ING 10: ABDOM CRAMPS, NAUS, VOMIT & DIARR. CONVLS ARE

RARELY SEEN IN CARBAMATE POIS. IN UNTREATED SEV POISONING, (ING 12)  
RTECS #:9999999Z

Inged Name:ING 11: RESP DEPRESS/CARD ARREST MAY BE FATAL.  
TOXICOLOGICAL INFORMATION: FOR MORE SPECIFIC INFO CONTACT NEHC .  
RTECS #:9999999Z

Inged Name:FIRST AID PROC: PERSON & PROD CNTNR, W/LBL, TO EMER  
TREATMENT CTR. INHAL: IF RESP DISCOMFORT/IRRIT OCCURS, MOVE (ING  
14)  
RTECS #:9999999Z

Inged Name:ING 13: PERSON TO FRESH AIR. SEE MD IF DISCOMFORT/IRRIT  
CONTINUES. NOTES TO PHYS: IN SEV POIS, MEASUREMENT OF (ING 15)  
RTECS #:9999999Z

Inged Name:ING 14: BLOOD CHOLINESTERASE ACTIVITY MAY BE USED IN  
MONITORING EXPOS, BUT MAY NOT BE RELIABLE DETECTORS OF (ING 16)  
RTECS #:9999999Z

Inged Name:ING 15: CARBAMATE POIS BECAUSE ENZYME ACTIVITIES MAY REVERT  
TO NORM WITHIN MINS/HRS OF EXPOS. IF SIGNS OF (ING 17)  
RTECS #:9999999Z

Inged Name:ING 16: CHOLINESTERASE INHIBITION APPEAR, ATROPINE SULFATE  
IS ANTIDOTAL. THIS MATL CNTNS LIGHT HYDROCARB LIQ. (ING 18)  
RTECS #:9999999Z

Inged Name:ING 17: EITHER DURING SWALLOWING/VOMIT, ASPIR OF MATL INTO  
LUNGS MAY OCCUR. ADDN INFO: IN CASE OF EMER INVOLVING(ING 19)  
RTECS #:9999999Z

Inged Name:ING 18: PROD, CALL DAY OR NIGHT, (800) 454-2333.  
RTECS #:9999999Z

Inged Name:SPILL PROC: IMPERVIOUS SURFS SHOULD BE CONTAINED OR DIKE, &  
SHOULD BE ABSORBED W/ATTAPULGITE, BENTONITE/OTHER (ING 21)  
RTECS #:9999999Z

Inged Name:ING 20: ABSORBENT MATL. FOR MORE SPECIFIC INFORMATION CONT  
NEHC .  
RTECS #:9999999Z

Inged Name:WASTE DISP METH: ALL OF PROD BE USED UP, CAREFULLY  
FOLLOWING ALL LBL DIRECTIONS & PREC. FOR MORE INFO CONT NEHC .  
RTECS #:9999999ZZ

Inged Name:RESP PRO: LIMITATIONS SPECIFIED BY NIOSH OR THE  
MANUFACTURER. FOR APPLIC OF PROD I/A/W LBL INSTRUCTIONS, NO  
SPEC(ING 24)  
RTECS #:9999999ZZ

Inged Name:ING 23: RESPIRATORY PROTECTION IS REQUIRED.  
RTECS #:9999999ZZ

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Hazards Identification  
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LD50 LC50 Mixture:LD50: (ORAL,RAT) 4.2 G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: SLIGHTLY IRRITATING. MAY  
INCL DISCOMFORT, TEARING, SWELL, REDNESS, & BLURRED VISION. SKIN:  
SEV IRRITANT SO CONT W/SKIN COULD CAUSE PRLNGD(WEEKS) INJURY TO  
AFFECTED AREA. DEGREE OF INJURY WILL DEPEND ON AMT OF MATL THAT  
GETS ONSKIN & SPEED & THOROUGHNESS OF FIRST AID TREATMENT. IRRIT  
MAY (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: INCL REDNESS, SWELL & POSSIBLY  
BLISTERING. IF ABSORBED THRU SKIN, SUBSTANCE IS CONSIDERED  
PRACTICALLY NON-TOXIC TO INTERNAL ORGANS. INGEST: SLIGHTLY TOXIC TO  
INTERNAL ORGANS. DEGREE OF INJURY WILL DEPEND ON AMT ABSORBED FROM  
GUT.BECAUSE OF LOW VISCOSITY OF SUBSTANCE, IT CAN DIRECTLY ENTER  
LUNGS IF (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYES: IMMED FLUSH W/PLENTY OF WATER FOR @ LST 15 MINS. GET  
MED ATTN IF IRRIT PERSISTS. SKIN: REMOVE CONTAMD CLTHG, WASH  
W/PLENTY OF SOAP & WATER. WASH CONTAMD CLTHG BEFORE REUSE. IF IRRIT  
PERSISTS, SE E MD. INGEST: IMMED TELEPHONE POIS CTL CTR, EMER  
TREATMENT CTR/PHYS OF ADVICE. DO NOT MAKE PERSON VOMIT UNLESS  
DIRECTED TO DO SO BY MED PERS. IF MED ADVICE CANNOT BE OBTAINED,  
THEN IMMED TAKE (ING 13)

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Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:53.0F,11.7C

Extinguishing Media:CO\*2, DRY CHEMICAL, FOAM AND WATER FOG.

Fire Fighting Procedures:NIOSH APPRVD SCBA & FULL PROT EQUIP . PRODS OF COMBUST FROM FIRES INVOLVING MATL MAY BE TOXIC. AVOID BRTHG SMOKE & MISTS. AVOID PERS & EQUIP CONT (SUPDAT)

Unusual Fire/Explosion Hazard:NORMAL COMBUSTION FORMS CARBON DIOXIDE AND WATER VAPOR: INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

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

Spill Release Procedures:SM SPILL: SOAK UP SPILLED MATL W/PAPER TOWELS/OTHER ABSORB MATL & DISCARD IN TRASH. PROD IS HIGHLY FLAMM. KEEP ALL SOURCES OF IGNIT AWAY FROM SPILL. LG SPILL: ELIM ALL SOURCES OF IGNIT IN VICIN OF SPI LL/RELEASED VAP. LIQ SPILLS ON FLOOR/OTHER(ING 20)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:READ & OBSERVE ALL PRECAUTIONS ON PROD LBL. STORE I/A/W NFPA 30F FOR LEVEL I AEROSOL. DO NOT USE/STORE NEAR FLAME, SPKS/HOT SURFACES. EXTREMELY FLAMM.

Other Precautions:USE ONLY IN WELL VENTILATED AREA. CONTAINER UNDER PRESSURE. EXPOSURE TO HEAT/PRLNGD EXPOSURE TO SUN MAY CAUSE CNTNR TO BURST. DO NOT PUNCTURE, INCINERATE OR STORE ABOVE 130F. KEEP OUT OF REACH OF CHIL DREN. HARMFUL IF SWALLOWED.

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

Respiratory Protection:HNDLG OF PROD IS NOT LIKELY TO PRESENT AN AIRBONE EXPOS CONCERN DURING NORM HNDLG. IN EVENT OF ACCIDENTIAL DISCHARGE OF MATL DURING MFR/HNDLG WHICH PRDCES HEAVY DUST, WORKERS SHOULD PUT ON RESP PROT E QUIP. OBSERVE RESP USE (ING 23)

Ventilation:USE THIS MATERIAL ONLY IN WELL VENTILATED AREAS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPRVD EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC: W/FALLOUT & RUNOFF. MINIMIZE AMT OF WATER USED FOR FIRE FIGHT. KEEP CNTNRS COOL W/WATER SPRAY. CNTN & ISOLATE RUNOFF &

DEBRIS FOR PROPER DISP. DECONTAMINATE PERSONAL PROT EQUIP & FIRE FIGHT EQUIP BEFORE REUSE. READ ENTIRE DOCUMENT. EFTS OF OVEREXP: SWALLOWED(THIS IS CALLED ASPIR). THIS CAN (ING 6)

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

Spec Gravity:0.76

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:INSOLUBLE

Appearance and Odor:PRESSURIZED WATER-WHITE LIQUID WITH CHLORINATED SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH ALKALINE MATERIALS AND STRONG OXIDANTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NO DATA AVAILABLE.

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

Waste Disposal Methods:LG SPILLS: MATL COLLECTED THAT CANNOT BE REPROCESSED SHOULD BE DISPOSED OF IN LANDFILL APPRVD FOR PESTICIDE DISP OR I/A/W APPLIC FED, STATE/LOC PROC. PROD DISP: SOLARIS GROUP IS COMMITTED TO RESPONSIBLE ENVIRONMENTAL PRACTICES & RECOMMENDS(ING 22)

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