

1-2406

MATERIAL SAFETY DATA SHEET Page 1 of 4

National Sanitary Supply Co. Product Name: BLITZ AIRBORNE
LIQUID INSECTICIDE
255 East 5th Street, Suite 2900 National Item #: 1911XX
Cincinnati, OH 45202 Date Issued: 11/12/96
24 Hr. Emergency No. (800) 535-5053 Supersedes: NONE

SECTION 1. IDENTIFICATION OF PRODUCT

Product Name: BLITZ AIRBORNE LIQUID INSECTICIDE

Date Issued: 11/12/96
Supersedes: NONE
National Item #: 1911XX

SECTION 2. INGREDIENTS CAS NUMBER PERCENT EXPOSURE LIMITS IN AIR
OSHA PEL ACGIH TLV

ACTIVE INGREDIENTS:

**PYRETHRINS	8003-34-7	0.100	N/E	N/E
**PIPERONYL BUTOXIDE(a)	51-03-6	0.200	N/E	N/E
*N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	0.033	N/E	N/E

INERT INGREDIENTS:

MINERAL SPIRITS	64742-88-7	PROP.	N/E	N/E
OTHER INERT INGREDIENTS		PROP.		

* THIS(THESE) MATERIAL(S) ARE SUBJECT TO THE REPORTING REQUIREMENTS UNDER SARA TITLE III, SECTION 313 AND 40 CFR PART 372.

**THIS (THESE) MATERIAL(S) MUST HAVE APPROPRIATE FEDERAL AND STATE EPA REGISTRATIONS PRIOR TO SALE AND DISTRIBUTION.

(a)Equivalent to min. 0.16%(butylcarbityl)(6-propylpiperonyl)ether and 0.04% related compounds

N/D=Not Determined N/E=Not Established N/A=Not Applicable PROP=Proprietary

SECTION 3. PHYSICAL DATA

Boiling Point(F): EST. 220
Specific Gravity(Concentrate)(Water=1): 0.77-0.79
Vapor Pressure(PSIG): (@ 70F-Aerosol): N/A
Vapor Pressure(Non-Aerosols;mm Hg): N/D
Vapor Density(Air=1): >1
Evaporation Rate(Water=1): >1
Solubility in Water: NEGLIGIBLE
Percent Solids[1hr. @ 110C] (by volume): N/D
pH Range: N/A
Viscosity(Brookfield Spin.#3 @ 3rpm): N/A
pH Range: N/A
Freezing Point: N/D
Melting Point: N/A
Water Reactive: NEGLIGIBLE
Appearance and Odor: CLEAR FLUID, PALE YELLOW, PETROLEUM ODOR.

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SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flammability (as per USA FLAME PROJECTION TEST): N/A
Flash Point(Non-Aerosols): 114 F TCC
Auto-Ignition Temp: N/D
Flammable Limits: LEL=1 UEL=6
Extinguishing Media: CO2, DRY CHEMICAL, FOAM, WATER SPRAY. DO NOT USE DIRECT WATER STREAM.
Special Fire Fighting Procedures: DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS, SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

Unusual Fire and Explosion Hazards: NONE KNOWN.

SECTION 5. REACTIVITY DATA

Stability: STABLE
Conditions to Avoid: OPEN FLAME, HEAT, SPARKS.
Hazardous Polymerization: WILL NOT OCCUR.
Materials to Avoid: OXIDIZING MATERIALS.
Hazardous Decomposition Products: OXIDES OF CARBON AND UNIDENTIFIED ORGANICS MAY BE FORMED DURING COMBUSTION.

SECTION 6. SPILL, LEAK AND DISPOSAL PROCEDURES

Spills: CONTAIN SPILL. KEEP OUT OF SURFACE WATERS AND ANY SEWERS OR WATER COURSES ENTERING OR LEADING TO SURFACE WATERS. SOAK UP WITH INERT ABSORBENT AND PLACE IN PROPERLY LABELED LEAK-PROOF CONTAINERS FOR DISPOSAL.
Disposal: DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL/STATE REGULATIONS AND LOCAL ORDINANCES.
Contain. Disp.: EMPTY PRODUCT CONTAINERS MUST BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL/STATE REGULATIONS AND LOCAL ORDINANCES.

SECTION 7. HEALTH HAZARD DATA

Primary Routes of Entry: SKIN ABSORPTION.
Acute Effects: TOXICITY; CNS DEPRESSION PRODUCING HEADACHE, DIZZINESS, NAUSEA AND LOSS OF CONSCIOUSNESS.
Overexposure Symptoms:
Eye Contact: SLIGHT IRRITATION FROM SHORT TERM CONTACT. PROLONGED AND REPEATED CONTACT MORE IRRITATING.
Skin Contact: PROLONGED AND REPEATED LIQUID CONTACT MAY RESULT IN IRRITATION AND DERMATITIS.

Product Name: BLITZ AQUEOUS Date Issued: 11/13/96
RESIDUAL INSECT SPRAY
National Item #: 1916XX Supersedes: NONE

SECTION 7. HEALTH HAZARD DATA, Continued

Inhalation: HIGH CONCENTRATIONS OR PROLONGED EXPOSURE TO LOWER CONCENTRATIONS MAY BE SLIGHTLY IRRITATING TO MUCOUS MEMBRANES.
Ingestion: MAY RESULT IN VOMITING. ASPIRATION OF VOMITUS INTO LUNGS MUST BE AVOIDED AS LUNG CONTACT CAN RESULT IN CHEMICAL PNEUMONITIS AND PULMONARY EDEMA.

Chronic Health Hazards: NONE KNOWN.
Medical Conditions Generally Aggravated By Exposure: PRE-EXISTING IRRITATION OF SKIN OR MUCOUS MEMBRANES.

SECTION 8. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: IMMEDIATELY FLUSH THE EYE WITH LARGE QUANTITIES OF FRESH, RUNNING WATER FOR A MINIMUM OF 15 MINUTES. HOLD THE EYELIDS APART DURING THE IRRIGATION PROCESS TO ENSURE FLUSHING OF THE ENTIRE SURFACE OF THE EYE LID WITH WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
Skin Contact: WASH AFFECTED AREA WITH SOAP AND WARM WATER. REMOVE AND LAUNDRER CONTAMINATED CLOTHING AND SHOES BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
Inhalation: MOVE PERSON TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.
Ingestion: REQUIRES IMMEDIATE MEDICAL MANAGEMENT. DO NOT INDUCE VOMITING. DRINK 3 TO 4 GLASSES OF WATER. VOMITING SHOULD BE INDUCED ONLY ON RECOMMENDATION OF MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Notes to Physicians: NONE PROVIDED.

SECTION 9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: AS REQUIRED TO PREVENT OVEREXPOSURE. NIOSH APPROVED AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS OR ATMOSPHERE-SUPPLYING RESPIRATOR.
Ventilation: EXPLOSION PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.
Protection Gloves: AS REQUIRED TO MINIMIZE SKIN CONTACT.
Eye Protection: CHEMICAL GOGGLES/EYE PROTECTION RECOMMENDED. AVOID CONTACT WITH EYES.
Other Measures: AVOID FOOD CONTAMINATION. CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT. EYEWASH ACCESSIBILITY RECOMMENDED.
Hygienic Work Practices: DO NOT EAT, DRINK, OR SMOKE IN WORK AREA. WASH HANDS AFTER HANDLING.

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SECTION 10. ADDITIONAL PRECAUTIONS

Handling and Storage: STORE IN ORIGINAL SHIPPING CONTAINERS AWAY FROM HEAT,
OPEN FLAMES AND OXIDIZING MATERIALS. KEEP CLOSED WHEN
NOT IN USE. SHELF LIFE 1 YEAR.

Other Special Hazards: KEEP OUT OF REACH OF CHILDREN. READ AND FOLLOW LABEL
DIRECTIONS.

TSCA Inventory Status: N/D

SARA Title III Ratings: Acute: YES Chronic: NO Fire: YES
Pressure Release: NO Reactivity: NO

HMS Ratings: HEALTH-2 FIRE-2 REACTIVITY-0 PROTECTION-B
NFPA Ratings: HEALTH-2 FIRE-2 REACTIVITY-0 SPECIAL-

SECTION 11. REGULATORY (OPTIONAL)

HM-181 Proper Shipping Name(DOT): FLAMMABLE LIQUID
Proper Shipping Name Code: 3 UN/NA Number: PG#:

Carcinogen Listing: NONE OF THE COMPONENTS PRESENT IN THIS MATERIAL AT
CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE
LISTED BY IARC, NTP, OSHA OR ACGIH AS A CARCINOGEN.

VOC Content: Theoretical= %[]lb/gal Typical Analytical= %[]lbs/gal
Phosphorous: % Concentrate=NONE Dilution Range: N/A-N/A gms/gal.

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET REPRESENTS THE LATEST DATA
AND BEST OPINION AS TO THE PROPER USE/HANDLING OF THIS PRODUCT UNDER NORMAL
CONDITIONS. ANY USE OF THIS PRODUCT OR METHOD OF APPLICATION WHICH IS NOT
IN CONFORMANCE WITH THIS DATA SHEET AND THE PRODUCT LABEL DIRECTIONS IS THE
RESPONSIBILITY OF THE USER. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO
COMPLY WITH OSHA HAZARD COMMUNICATION REGULATIONS.