

# IVAX MATERIAL SAFETY DATA SHEET

## ANT & ROACH KILLER

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PRODUCT CODE: F4320

HEALTH HAZARD	FIRE HAZARD	REACTIVITY
2	4	1

### SECTION 1 - MANUFACTURER IDENTIFICATION

**PUREX INDUSTRIAL**  
 IVAX Industries, Inc.  
 101 Rock Rd., Rock Plaza III, Horsham, PA 19044  
 Product Information Phone: (614) 387-6200      EMERGENCY PHONE: (800) 424-9300

### SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT	EXPOSURE LIMIT(S)
NAPHTHENIC SOLVENT	64742-47-8	TRADE SECRET	RECOMMENDED LIMIT: 100 PPM
MINERAL SPIRITS	64742-88-7	1.00	OSHA TWA: 100 PPM ACGIH TWA: 100 PPM SARA TITLE III SECTION 311/312
CARBON DIOXIDE	124-38-9	TRADE SECRET	OSHA PEL/ACGIH TLV: 5000 PPM
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	0.2000	
PIPERONYL BUTOXIDE, TBCHNICAL	51-03-6	0.1200	
D-TRANS ALLETHRIN	584-79-2	0.0600	
ESFENVALERATE	66230-04-4	0.0500	

NO MATERIAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313.

### SECTION 3 - HAZARDS IDENTIFICATION

\* \* \* \* \* EMERGENCY OVERVIEW \* \* \* \* \*

RESIDUALLY KILLS: ANTS, COCKROACHES, TICKS, AND OTHER INSECTS.  
 CLEAR WATER-WHITE LIQUID WITH PETROLEUM SOLVENT ODOR.  
 CAUSES EYE IRRITATION. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN.

#### POTENTIAL HEALTH EFFECTS

**INHALATION:** Harmful if inhaled.  
**EYE CONTACT:** Causes eye irritation.  
**SKIN CONTACT:** May cause skin irritation.  
**SKIN ABSORPTION:** Harmful if absorbed through skin.  
**INGESTION:** Harmful if swallowed. May cause an aspiration pneumonia hazard.  
 Avoid contamination of food or feedstuffs.  
**CHRONIC HEALTH RISKS:** NONE KNOWN  
**CARCINOGENICITY:** NTP CARCINOGEN: No    IARC MONOGRAPHS: No    OSHA REGULATED: No

### SECTION 4 - FIRST AID MEASURES

**IF INHALED,** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  
**IF IN EYES,** Immediately flush with plenty of water for at least 15 minutes. Get medical attention.  
**IF ON SKIN,** Immediately flush the area with plenty of water. Remove contaminated clothing. Wash clothing before reuse. Get medical attention if irritation persists.  
**SWALLOWED,** Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration pneumonia hazard.  
**NOTES TO PHYSICIAN:** NONE

SECTION 5 - FIRE FIGHTING MEASURES

**FLASH POINT:** FLAME PROJECTION: >7 INCHES WITH FLASHBACK. **METHOD USED:** None.  
**FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** None. **UPPER:** None.  
**EXTINGUISHING MEDIA:** Use CO2, dry chemical, foam. Water is unsuitable for use on burning material but may be used to cool containers of material exposed to heat and flames. Aerosol Fire Protection Level III (NFPA 30B).  
**SPECIAL FIREFIGHTING PROCEDURES:** Contents under pressure. Do not puncture. Do not use near heat or open flame. Exposure to temperatures above 120° may cause bursting.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Soak up spills with inert and absorbent material.

SECTION 7 - HANDLING AND STORAGE

**SUGGESTED STORAGE TEMPERATURE:** Store inside at 40-100 deg F.  
**SPECIAL HANDLING AND STORAGE:** It is a violation to use this product in a manner inconsistent with its labeling. SHAKE WELL BEFORE USE. Store in a cool, dry place. Keep container closed. Use only in well ventilated areas. Do not use as space spray. Avoid contamination of food or feedstuffs. Do not use in food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed foods should be covered or removed. Non-food areas are areas such as garbage rooms, lavatories, floor drains, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage. Remove pets, birds, and cover fish aquariums before spraying. Do not apply this product in hospital patient rooms while occupied or any rooms while occupied by the elderly or infirm. Do not apply to classrooms while in use. Do not apply in institutions in the immediate area where occupants are present. Do not allow children or pets to contact treated surfaces until spray has dried. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Respiratory protection should be worn if the level of airborne contaminate exceeds the level listed in section 2. A NIOSH-approved cartridge respirator, with an organic concentration of vapors exceeds any established permissible exposure limits set for any of the components within this mixture. An Industrial Hygienist may be required to perform air monitoring if there are any questions pertaining to the adequacy of ventilation or space in a given area.

**VENTILATION:** Use with adequate ventilation.

**PROTECTIVE GLOVES:** Selection of specific items will depend on operation. Where skin contact is reasonably expected, protective gloves of natural rubber are generally suitable for this product.

**EYE PROTECTION:** Use safety glasses.

**SKIN PROTECTIVE CLOTHING OR EQUIPMENT:** None Known.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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OR & APP : PETROLEUM, CLEAR  
: NA  
VAPOR DENSITY : NA  
FREEZING POINT : NA  
SPEC. GRAVITY : .802  
% VOLATILES (V) : NA

PHYSICAL STATE : LIQUID  
VAPOR PRESSURE : NA  
BOILING POINT : 460-540°F  
MELTING POINT : NA  
SOLUBILITY H2O : INSOLUBLE

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable. CONDITIONS TO AVOID: Heat and open flames.  
INCOMPATIBILITY (AVOID CONTACT WITH): Contact with strong oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS AND/OR BYPRODUCTS: Oxides of carbon.  
HAZARDOUS POLYMERIZATION: Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICOLOGICAL PROFILE: Contains Mineral Spirits (CAS 64742-88-7) which can cause effects such as nausea, dizziness, unconsciousness and even death in cause of excessive exposure. If material is swallowed and vomiting occurs, lung damage can occur. Oral LD50 (rat) 3530 MG/KG, Dermal LD50 (rbt) 4000 MG/KG.

## SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL PROFILE: Volatile Organic Content (VOC) - 37.46%

## SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Replace cap, and discard container in trash. Do not incinerate or puncture.

## SECTION 14 - TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION

PROPER SHIPPING NAME: INSECTICIDES OR REPELLANTS, NOI, O/T AGRICULTURAL

HAZARD CLASS OR DIVISION: ORM-D

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

HAZARDOUS SUBSTANCE: NONE

MARINE POLLUTANT: NO

INTERNATIONAL TRANSPORTATION REGULATIONS: PLEASE CONTACT PRODUCT SAFETY AT THE NUMBER LISTED ON THIS MSDS IF ANY ADDITIONAL INFORMATION IS REQUIRED FOR INTERNATIONAL SHIPPING.

## SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: EPA Reg No. 498-167-1124

CALIFORNIA PROP65 INFORMATION: No material present subject to reporting.

### STATE RIGHT TO KNOW INFORMATION:

INERT

NAPHTHENIC SOLVENT

64742-47-8

MINERAL SPIRITS

64742-88-7

MON DIOXIDE

124-38-9

TYL BICYCLOHEPTENE DICARBOXIMIDE

113-48-4

## SECTION 16 - OTHER INFORMATION

IVAX INDUSTRIES, INC. BELIEVES THAT THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN (INCLUDING DATA AND STATEMENTS) ARE ACCURATE

I V A X   M A T E R I A L   S A F E T Y   D A T A   S H E E T  
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DATE PREPARED: 03/23/95

NAME OF PREPARER: PRODUCT SAFETY DEPARTMENT