

**PRODUCT:** Insecta LIQUID LV  
**HMIS HAZARD:** 1 0 0 B HANDLING

**PRODUCT CODE:** ILLVP  
 1 0 0 G SPRAYING

## SECTION I – Manufacturer Information

**Manufacturer:** ACRY-TECH COATINGS, INC.

**Address:** 3601 NE 5<sup>th</sup> Avenue Ft. Lauderdale, FL 33334-2214

**Emergency Phone #:** NA

**Information Phone #:** (800) 771-6001

**Date Prepared:** 1 February 2001

**Revised:** 6 June 2003

**Supersedes:** New

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS INGREDIENT	CAS #	OSHA PEL	ACGIH PEL	OTHER	%
Permethrin [(3 phenoxyphenyl) methyl (+) cis, trans 3 (2,2 dichloroethenyl) 2,2 dimethylcyclopropanecarboxylate	052645-53-1	*NE	*NE		2.00
Propylene glycol methyl ether	107-98-2	*NE	*NE	SEE VI	4.76
Dipropylene glycol n butyl ether	29911-28-2	*NE	*NE	SEE VI	2.38
Bicyclic oxazolidines	56709-13-8	*NE	*NE	SEE VI	0.12
Formaldehyde	50-00-0	0.3 ppm	0.75ppm	SEE VI	0.003

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** >100° C  
**Melting Point:** NE  
**pH:** 7.5 - 8.0

**Specific Gravity (H2O=1):** 1.011  
**Vapor Density (Air = 1)** NE  
**VOC:** (392g/L.) = 3.27# / Gallon

**Vapor Pressure (mm Hg)** NE  
**Evaporation Rate:** (Butyl Acetate=1) <0.1  
**Solubility in water:** DILUTABLE

**Appearance and Odor:** White, water thin liquid with slight, mild ether and insecticide odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** NE (WATER BASED PRODUCT) **Flammable Limits:** NE LEL-NE UEL-NE

**Extinguishing Media:** CO2 OR DRY CHEMICAL. WATER AGGRAVATES SPILL CLEANUP.

**Special Fire Fighting Procedures:** WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SELF CONTAINED BREATHING APPARATUS.

**Unusual Fire & Explosion Hazards:** MATERIAL CAN SPATTER ABOVE 100°C. DRIED FILM MAY BURN.

## SECTION V - REACTIVITY DATA

**Stability:** XX Stable \_\_\_ Unstable **Conditions to Avoid:** TEMPERATURES > 100C.

**Incompatibility (materials to avoid):** MATERIALS THAT REACT WITH WATER; OXIDIZERS

**Hazardous Decomposition Byproducts:** PRINCIPALLY OXIDES OF CARBON AND NITROGEN AT FIRE CONDITIONS.

**Hazardous Polymerization:** \_\_\_ May occur XX Will not occur **Conditions to Avoid:** NONE KNOWN

## SECTION VI - HEALTH HAZARD DATA

**Routes of entry:** Inhalation? YES Skin? YES Ingestion? YES

**Health hazards (Acute and Chronic):** **INHALATION-(ACUTE):** NAUSEA, HEADACHE, RESPIRATORY IRRITATION; (CHRONIC): SEE CARCINOGENICITY BELOW; PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS HAVE BEEN ASSOCIATED WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE; ALSO SEE MEDICAL CONDITIONS BELOW; **SKIN-(ACUTE):** MILD DELAYED IRRITATION; (CHRONIC): DERMATITIS, ALSO SEE MEDICAL CONDITIONS BELOW. **EYES (ACUTE):** IRRITATION, IRREVERSIBLE CORNEAL DAMAGE IF NOT RINSED OR TREATED. (CHRONIC): SAME.

## SECTION VI – HEALTH HAZARD DATA (continued)

**Carcinogenicity:** NTP? YES IARC Monographs? YES OSHA Regulated? YES

FORMALDEHYDE IS LISTED.

**Signs and Symptoms of Exposure:** **INHALATION;** TRANSIENT NARCOSIS OR HEADACHE WITH PROLONGED EXPOSURE AT ELEVATED TEMPERATURES IN CONFINED AREAS. **SKIN;** MILD DELAYED SKIN IRRITATION. **EYES;** TEARING, REDNESS, IRRITATION.

**Medical Conditions Generally Aggravated by Exposure:** SEE CARCINOGENICITY ABOVE. MAY ADVERSELY AFFECT RENAL, HEPATIC, NEUROLOGICAL PROCESSES, SPLEEN AND THYROID.

**Emergency and First Aid Procedures:** **INHALATION;** REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION. **SKIN;** WASH WITH WARM SOAPY WATER AS SOON AS POSSIBLE. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. **EYES;** FLUSH WITH CLEAN WATER FOR 15 MINUTES AND SEEK MEDICAL ATTENTION.

## SECTION VII - PROCEDURES FOR SAFE HANDLING AND USE:

**Steps to be taken in case material is released or spilled:** KEEP ALL SPECTATORS AWAY! WEAR NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS IF IN POORLY VENTILATED AREA. DIKE AND CONTAIN SPILL WITH INERT MATERIAL. RECOVER USABLE MATERIAL TO CONTAINER FOR USE. SEPARATE UNUSABLE MATERIALS. KEEP SPILLS FROM SEWERS OR WATER. ALSO SEE SECTION VIII CONTROL MEASURES.

**Waste disposal method:** SPREAD MATERIAL EVENLY ON PLASTIC FILM AND ALLOW TO DRY THOROUGHLY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Precautions to be taken in handling and storing:** USE AND STORE WITH ADEQUATE VENTILATION. AVOID EYE CONTACT. KEEP CONTAINER CLOSED. PROTECT FROM FREEZING. AVOID TEMPERATURES IN EXCESS OF 45 DEGREES C.

**Other precautions:** AVOID BREATHING VAPORS, ESPECIALLY IN THE HEAD SPACE ABOVE LIQUID. DELIBERATE INGESTION OR CONCENTRATING AND INHALING VAPORS MAY BE HARMFUL OR FATAL. SEE LABEL PRECAUTIONS.

## SECTION VIII - CONTROL MEASURES

**Respiratory protection:** NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE.

**Ventilation:** Local Exhaust: RECOMMENDED

**Mechanical (General):** RECOMMENDED

**Special:** NA

**Other:** NA

**Protective Gloves:** IMPERVIOUS

**Eye Protection:** CHEMICAL SPLASH GOGGLES

**Other protective clothing or Equipment:** AS REQUIRED TO PREVENT SKIN CONTACT.

**Work/Hygenic Practices:** GOOD INDUSTRIAL HYGIENE

## SECTION IX DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

**LEGEND:** NA = Not Applicable

NE = Not Evaluated

NR = Not Required

### **OSHA/ACGIH TERMS:**

**PEL** = Permissible Exposure Limit

**STEL** = Short Term Exposure Limit

**TWA** = Time Weighted Average

**TLV** = Threshold Limit Value

**\*NE** = Not Established

**HMIS Hazard Ranking** 0=least 1 = Slight 2 = Moderate 3 = Serious 4=Severe

For further information on Personal Protection refer to HMIS Personal Protection Index.