

INSECTA MARKETING MATERIAL SAFETY DATA SHEET

PRODUCT: INSECTA SPRAY

PRODUCT CODE: IACP HMIS HAZARD: 4 2 2 X HANDLING 4 2 2 X SPRAYING

SECTION I – Manufacturer Information

Manufacturer: Aerosol Specialties
Emergency Phone # 800-424-9300
Date Prepared: 1/29/07

Address: 189 Etowah Industrial Court, Canton, GA 30114
Information Phone #: 770-425-0114
Revised: 10/30/01 Supercedes:10/30/01

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS INGREDIENT	CAS #	OSHA PEL	ACGIH PEL	OTHER	%
Isobutane	75-28-5	1000ppm	800ppm	SEE VI	12.51
Propane	74-98-6	1000ppm	2500ppm	SEE VI	9.49
Odorless mineral spirits (isoparaffinic hydrocarbon)	64742-48-9	300ppm	200mg/m ³		68.49
Isopropanol	67-63-0	400ppm	200ppm	SEE VI	3.06
Propylene glycol monomethyl ether	107-98-2	100ppm	100ppm	SEE VI	2.02
Permethrin [(3 phenoxyphenyl) methyl (+) cis-trans 3 (2,2 dichloroethenyl) dimethylcyclopropanecarboxylate]	052645-53-1	*NE	*NE	SEE VI	2.00

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: -40° C Specific Gravity (H₂O=1): 0.7055 Vapor Pressure (mm Hg) NE
Melting Point: NE Vapor Density (Air = 1) 3.5 liq. ; 1.5 gas Evaporation Rate: (Butyl Acetate=1) 5
pH: NA VOC: = 4.33# / Gallon (519 g/L.) Solubility in water: NO
Appearance and Odor: Clear liquid under pressure with slight insecticidal odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): -100° C Flammable Limits: LEL- 1.8% UEL-9.5%
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: HEATED CONTAINERS MAY RUPTURE EXPLOSIVELY! CONTAINERS CONSIST OF A FLAMMABLE GAS AND A FLAMMABLE LIQUID TOGETHER WITH AN INSECTICIDE ALL UNDER PRESSURE. VAPORS FROM RUPTURED BUT UNIGNITED CONTAINERS CAN BE IGNITED FROM ANY IGNITION SOURCE.

SECTION V - REACTIVITY DATA

Stability: XX Stable ___ Unstable Conditions to Avoid: TEMPERATURES > 50C.
Incompatibility (materials to avoid): CORROSIVE MATERIALS WILL RUPTURE METAL CONTAINERS.
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): INHALATION; NAUSEA, HEADACHE, RESPIRATORY IRRITATION. SKIN; MILD DELAYED IRRITATION. EYES; ACUTE IRRITATION.
Health Hazards (Chronic): INHALATION; PROLONGED EXPOSURE TO SOLVENTS HAS BEEN ASSOCIATED WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE; SKIN; DERMATITIS. EYES; ACUTE IRRITATION.

SECTION VI - HEALTH HAZARD DATA (CONT'D)

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

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: MAY ADVERSELY AFFECT NEUROLOGICAL PROCESSES.

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 SELF CONTAINED BREATHING APPARATUS IN POORLY VENTILATED AREA. VENTILATE AREA TO AVOID FLAMMABLE GAS BUILDUP FROM LEAKING CONTAINERS. 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: FOR SMALL QUANTITY, SPRAY MATERIAL EVENLY ON DISCARDABLE SURFACE IN OPEN AREA (WELL VENTILATED WITHOUT IGNITION SOURCES). ALLOW TO DRY THOROUGHLY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. PREFERRED METHOD IS INCINERATION IN APPROVED FACILITY. FOR LARGE QUANTITY, A HAZARDOUS WASTE RECOVERY AGENT SHOULD BE SECURED.

Precautions to be taken in handling and storing: USE AND STORE WITH ADEQUATE VENTILATION. AVOID EYE CONTACT. KEEP CONTAINER CLOSED. AVOID TEMPERATURES IN EXCESS OF 50 °C.

Other precautions: AVOID BREATHING VAPORS. 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 OR SCBA.

Ventilation: Local Exhaust: RECOMMENDED

Mechanical (General): RECOMMENDED

Special: X-PROOF WHERE REQUIRED

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.