

MATERIAL SAFETY DATA SHEET

IDENTITY & MANUFACTURER'S INFORMATION

NFPA Rating: Health 2 : Flammability- 4 : Reactivity- 0 : Special-0

HMIS Rating : Health-2 : Flammability- 4 : Reactivity- 0 : Special-0 personal protection -b

Dot Hazard Classification: Orm-D

Identity (trade name as used on label): **TAK TURBO** (flying & crawling insects killer)

Manufacturers name : JIPCO

Address: P.O.Box 151, Amman - 11118 - Jordan.

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prepared By: HF/FF

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Revision-0

Information Calls: +962 (6) 4611-306

NOTICE: JUDGMENT BASED ON INDIRECT TESTS.

SECTION 1 - MATERIAL IDENTIFICATION & INFORMATION

COMPONENTS - COMMON NAMES AND PERCENTAGES W/W

TETRAMETHRIN	:	0.20 %
PIPERONYL BUTOXIDE	:	1.00 %
DICHLOROVOS	:	0.50 %
FRAGRANCE OIL	:	0.30 %
Solvents & Propellants	:	98.00 %

SECTION 2 PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Specific Gravity(H2O=1): Concentrate only= 0.800

VAPOR PRESSURE: PSIG @ 70F(Aerosols) 50-65

Vapor Pressure (Non- Aerosols) (mm Hg and temperature) :N/A

Vapor Density (Air =1): N/E

Evaporation Rate (=1)N/E

Solubility in Water : None

Water Reactive: No

Appearance and Odor : Stream spray with acetone petroleum distillate odor.

SECTION 3- FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME Projection test (Aerosols) : EXTREMELY FLAMMABLE

Flammability Limits in Air by % in Volume: % LEL: N/E , % UEL: N/E

Auto Ignition Temperature: N/E

EXTINGUISHER MEDIA: Foam, dry chemicals, CO2

FLASH POINT AND METHOD USED (non - aerosols): N/A

SPECIAL FIRE FIGHTING PROCEDURES: self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: **DO NOT** expose aerosols to temperatures above 50 degree centigrade.

SECTION 4- REACTIVITY HAZARD DATA

STABILITY (x) stable () unstable

HAZARDOUS POL YMERIZATION () will (x) will not occur

Incompatibility (materials to avoid): plastics, Asphalt, vinyl tiles oxidizers & alkalis.

Conditions to Avoid: open flame, welding arcs, heat, sparks.

Hazardous Decomposition products: N/A

SECTION 5- HAZARD DATA

PRIMARY ROUTES OF ENTRY: (x) inhalation () ingestion () skin absorption () eye () not hazardous

ACUTE EFFECTS :-

Inhalation: excessive in halation of vapors can be harmful and may cause headache, dizziness, anesthetic effects, nausea, respiratory depression cholinesterase depression.

EYE Contact: irritation, burning, contact dermatitis, and temporary corneal injury.

Skin Contact: imitation, mild defatting of skin.

Ingestion: possible chemical pneumonitis if aspirated into lungs, nausea, vomiting.

CHRONIC EFFECTS: (effects due to excessive exposure to the raw materials of this mixture) may cause cardiac abnormalities, central nervous system depression , kidney , liver damage, inhibits cholinesterase .

Medical Conditions Generally Aggravated by Exposure: may aggravate existing eye, skin, or upper respiratory conditions

EMERGENCY FIRST AID PROCEDURES

Eye Contact: flush with water for 15 minutes. If irritated, seek medical attention.

Skin Contact: Wash with soap and water. If irritated seek medical attention

Inhalation: Remove to fresh air. Breathe much fresh air. Resuscitate if necessary. Get medical attention

Ingestion: **DO NOT INDUCE VOMITING**, drink two large glasses of water. Get immediate medical attention

SECTION 6- CONTROL AND PROTECTIVE MEASURES

Respiration Protection (Specify Type): If vapor concentration exceeds TLV, use respirator approved for organic vapors

Protective Gloves: Rubber, if skin is easily irritated.

Eye Protection : Safety glasses recommended.

Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.

Other protective clothing & equipment: None.

Hygienic Work Practices : Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7- PRECAUTIONS FOR SAFE HANDLING AND USE

Material spill or release: Absorb with suitable medium. Incinerate or landfill according to local regulations. Do not flush to sewer.

Waste disposal Methods: Aerosol cans when vented to atmospheric pressure, pose no disposal hazard.

Handling & Storage: Do not puncture or incinerate containers. Do not store in temperatures above 50 deg. Centigrade.

Special Hazards: **KEEP OUT OF REACH OF CHILDREN**. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.