

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 : personal protection -A

Dot Hazard Classification: Orm-D

Identity (trade name as used on label): **JIPCO** (insects Repellant)

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-CHEMICAL NAMES AND COMMON NAMES **CAS** **SARA** **OSHA PEL** **ACGIH** **Carcinogen**

| : | Number | III LIST | (PPM) | TLV (PPM) | Ref. Source |
|------------------------|------------|----------|-------|-----------|-------------|
| BUTANE / PROPANE BLEND | 74-98-6 | No | 1000 | 1000 | d |
| ISOPROPANOL | 67-63-0 | No | 500 | 400 | d |
| DEET | 134-62-3 | No | N/E | NE | d |
| PETROLEUM DISTILATE | 68551-15-5 | No | N/E | N/E | d |

SECTION 2 PHYSICAL / CHEMICAL CHARACTERISTICS

Specific Gravity(H20=1): Concentrate only= 0.790

VAPOR PRESSURE: PSIG @ 70F(Aerosols) : max.60

Solubility in Water : partial

Water Reactive: No

Appearance and Odor : Clear spray with ethereal odor .

SECTION 3- FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE

EXTINGUISHER MEDIA : foam , dry chemical , carbon dioxide , water spray or fog

SPECIAL FIRE FIGHTING PROCEDURES : self - contained breathing apparatus .

do not expose aerosols to temperatures above 50C or the container may rupture

SECTION 4- REACTIVITY HAZARD DATA

STABILITY (x) stable () unstable

Incompatibility (mat. to avoid) : strong oxidants , anhydride & isocyanate ,

Conditions to Avoid: open flame, welding arcs, heat, sparks. Plastics , acetate & rayon .

Hazardous Decomposition products: Carbon monoxide , carbon dioxide

SECTION 5- HAZARD DATA

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

ACUTE EFFECTS

Inhalation: **excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.**

Contact: mild irritation . (avoid eye contact) ,

Skin Contact : May aggravate existing skin conditions .

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

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. 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

Respiratory protection (specify type) : None , if vapor concentration kept below TLV .

Protective Gloves : None

Eye Protection : Safety glasses recommended. Do not spray into eyes

Ventilation Requirements: local exhaust to keep vapors dispersed . .

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

Steps To Be Taken If Material Is Spilled Or Released : Wipe up with absorbent material . incinerate or landfill according to local regulations .

DO NOT FLUSH TO SEWER .

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

Precautions To Be Taken In Handling & Storage : Do Not puncture or incinerate containers . Do not store at temperatures above 50C

Other precautions &/or Special Hazards : **KEEP OUT OF REACH OF CHILDREN** . Avoid food contamination . Avoid breathing vapors .

Avoid contact with plastic such as eyeglass frames and such fabrics as acetate and rayon .
