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## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO FLY & BUG SPRAY  
Supplier: Jangro Limited, as above

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Odourless Kerosene		64742-47-8	5-10%	Xn	65, 66
Tetramethrin		7696-12-0	0-1%	N	50/53, 57
d-phenothrin	247-404-5	26002-80-2	0-1%	Xi N	36, 51/53
Hydrocardon Propellant		68476-85-7	30-60%	FX	12

The full text for all R-phases are shown in section 16.

COMPOSITION COMMENTS: Aerosol propelled by liquefied petroleum gas.

### 3 HAZARDS IDENTIFICATION

Extremely flammable

### 4 FIRST AID MEASURES

Eyes: Rinse the eye with water immediately. Get medical attention if any discomfort continues.  
Skin: Wash the skin immediately with soap and water.  
Ingestion: Immediately rinse mouth and provide fresh air  
Inhalation: If inhalation of vapours causes irritation or drowsiness, remove to fresh air.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: Powder, foam or CO2  
Fire Fighting Procedures: Breathing apparatus should be worn if exposure to fumes is likely. Use water to keep fire exposed containers cool and disperse vapours.  
Explosion Hazards: Possible risk of can rupture when exposed to fire/ high temps. Contents of aerosol will add to fuelling of fire. Solvent vapours may form explosive mixtures with air.

### 6 ACCIDENTAL RELEASE MEASURES

Spillage Cleanup Methods: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb materials from ruptured or leaking containers onto an inert – material. Transfer to suitable container for subsequent disposal.

### 7 HANDLING AND STORAGE

Usage: Keep away from heat, sparks and open flames. Avoid spilling, skin and eye contact. Caution. Pressurised container. Do not expose to temperatures exceeding 50°C do not puncture or incinerate even when empty. Do not spray onto naked flames or incandescent materials.  
Storage: Store in a cool dry place away from all sources of heat including direct sunlight.

**8** EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>INGREDIENT NAME</b>	<b>CAS No</b>	<b>STD</b>	<b>LT EXP (8 hrs)</b>	<b>ST EXP (15 min)</b>
Odourless Kerosene	64742-47-8	OES	1200mg/m <sup>3</sup>	3600mg/m <sup>3</sup>

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

Protective Equipment:



Ventilation: No specific ventilation requirements noted, expect this product must not be used in a confined space without good ventilation.

Protective Gloves: Chemical resistant gloves required for prolonged or repeated contact.

Eye Protection: Wear Approved chemical safety goggles where eye exposure is reasonably probable.

**9** PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Aerosol

**10** STABILITY AND REACTIVITY

Conditions to Avoid: Avoid heat, flames and other sources of ignition.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Fire or high temperatures create: Carbon Dioxide (CO<sub>2</sub>) Carbon Monoxide (CO)

**11** TOXICOLOGICAL INFORMATION

Inhalation: High concentrations of vapour may cause dizziness, nausea and headaches.

Ingestion: May cause irritation of mouth, respiratory tract and intestinal system.

Skin: Repeated exposure may cause skin dryness or cracking.

Eyes: May cause mild irritation or discomfort.

**12** ECOLOGICAL INFORMATION

Environmental Hazards: Not classified as dangerous to the environment.

**13** DISPOSAL CONSIDERATIONS

Disposal Methods: Do not puncture or incinerate even when empty. Dispose of in accordance with local authority requirements.

**14** TRANSPORT INFORMATION

Label for Conveyance:



Road: n/a

UN No: 1950

Hazard Class (ADR): Class 2: Gases; Compressed, liquefied or dissolved under pressure

Rail: n/a

Sea: n/a

UN Sea: 1950

Air: n/a

UN Air: 1950

15 REGULATORY INFORMATION

Label for Supply:

**EXTEMELY FLAMMABLE**

Risk Phrases:	R-12	Extremely Flammable
Safety Phrases:	S-16	Keep away from sources of ignition – No smoking.
	S-35	This material and its container must be disposed of in a safe way.
	S-51	Use only in well ventilated areas.
	S-9	Keep container in a well ventilated place.
	S-2	Keep out of reach of children.

16 OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warrantee, express or implied regarding its correctness.

R-PHASES (Full Text)	R-12	Extremely flammable
	R-36	Irritating to eyes
	R-57	Toxic to bees
	R-50/53	Very toxic to aquatic organism. May cause long-term adverse effects in the aquatic environment.
	R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
	R-65	Harmful: may cause lung damage if swallowed
	R-66	Repeated exposure may cause skin dryness or cracking.