

SAFETY DATA SHEET

SDS: 06

1. Identification of the Substance/Preparation & Company

Product name: **INSETTE BODYSPRAYS**
Intended use: Deodorant Bodysprays
Variants: All 45ml, 75ml & 150 ml variants, male & female

Manufacturer: LEC(Liverpool) Ltd.
Address: Alfred Street, Wavertree, Liverpool L15 4LH

Tel No: 0151 734 1411
Fax: 0151 734 4054

2. Composition/Information on Ingredients

<u>Ingredient Name:</u>	CAS No.	Health Class	Risk (R No.)	Contents %
Ethanol	64-17-5	none	R11	30-40
Butane	106-987-8	none	R12	40-50
Propane	74-98-6	none	R12	10-15
Alcoholic/Aqueous Perfume solution		none	R11	35-45

3. Hazards Identification

Eye Contact: Liquid may cause irritation & transient corneal damage

Skin Contact: Unlikely to cause appreciable damage even on repeated contact
Unlikely to be absorbed in harmful amounts.

Inhalation: High levels of vapour may cause dizziness, irritation of nose, throat & respiratory tract. Possible central nervous system depression.

Ingestion: Accidental ingestion is an unlikely event but could cause central nervous system depression, nausea, vomiting, loss of coordination & consciousness.

4. First Aid measures

Eye contact: Contact lens should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin contact: Wash with water - normal hygiene procedures

Inhalation: Remove to fresh air, keep warm, seek medical advice.

Ingestion: If accidentally swallowed: Wash out the mouth with water. Keep at rest. Seek medical advice. Do NOT induce vomiting.

5. Fire Fighting Measures

Extinguishing media: Water, water spray, dry powder, alcohol resistant foam & CO2 may be used.

Special fire fighting procedures: Fire exposed containers should be sprayed with water to lessen the risk of explosion.

Unusual Fire & Explosion Hazards: Fire will produce dense black smoke containing combustion products which may be a health hazard. Appropriate self contained breathing apparatus may be required.

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6. Accidental Release Measures

Procedures for leaks or spillages:

Exclude non-essential personnel. Avoid breathing vapours.
Avoid sources of ignition. Refer to protective measures listed in sections 7 & 8.
Contain & collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth & place in a suitable container for disposal in accordance with the waste regulations (Section 13)

7. Handling & Storage

Handling: Vapours are heavier than air & may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air & avoid vapour concentrations higher than the Occupational Exposure Limits.
Good housekeeping standards & regular safe removal of waste materials will minimise risks of spontaneous combustion & other fire hazards.
Smoking, eating & drinking should be avoided in areas of use & storage.

Storage: Store below 50°C in a dry well ventilated place away from sources of heat, ignition & direct sunlight. No smoking. Observe the label precautions.
Store separately from strong oxidizing agents & strongly alkaline & strongly acidic materials.

8. Exposure Controls/Personal Protection

<u>Ingredient Name</u>	<u>OES/MEI 15m-STE 8hr TWA</u>		
Ethanol	OES		1920mg/m ³
Butane 40	OES	750ppm	600mg/m ³

Engineering measures Provide adequate ventilation to maintain the vapour concentration well below the Lower Explosion Limit (LEL) & ensure the airborne concentration of substances to which an OES has been assigned is below that OES (Occupational Exposure Standard).

Respiratory protection Air-fed respiratory equipment should be used when this product is sprayed if the exposure of the sprayer or people nearby cannot be controlled to below the OEL & engineering controls & measures cannot be improved.

Hand Protection: Rubber gloves are recommended.

Eye Protection: Unlikely to be necessary.

Skin Protection: Cotton or Cotton/synthetic overalls are normally suitable.
Grossly contaminated clothing should be removed & the skin washed with soap & water or a proprietary skin cleaner.

9. Physical & Chemical Properties

Physical State: Aerosol
Appearance: Clear, pale straw, Alcoholic perfume solution
Odour: Perfumed
pH: 6.5 - 8.5
Boiling Point/Boiling range: 72-80°C
Melting Point/Melting range: less than -25°C
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9. Physical & Chemical Properties (cont.)

Autoflammability: 365°C
Explosive Properties: Moderate/Severe in an enclosed space with a source of ignition
Oxidising Properties: Incompatible with oxidising agents
Can Pressure: 2.75 bar
Relative Density: N/A
VOC Content: 66g/100ml
Solubility-Water: Essentially soluble
Solubility-Solvent: Miscible with most solvents
Other data:

10. Stability & Reactivity

Stability: Stable

Conditions to avoid: Avoid naked flames, red hot surfaces, other high temperature sources that may induce thermal decomposition.

Hazardous decomposition products: In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide & oxides of nitrogen may be produced.

11. Toxicological information

There is no data available on the product itself.
Exposure to organic solvent vapours may result in adverse health effects on the renal & central nervous systems. Symptoms can include headache, dizziness, fatigue, muscular weakness, drowsiness & in extreme cases, loss of consciousness.
Splashes in the eyes may cause irritation & reversible local damage.

12. Ecological Information

There is no data on the product itself.

13. Disposal Considerations

Wastes, including empty containers, aer controlled wastes & should be disposed of in accordance with regulations made under the Control of Pollution Act.

Using the information provided in this data sheeet, advice should be obtained from the Waste Regulation Authority whether the Special Waste Regulations apply.

14. Transport Information

CCCN:	3405 20 00
UN No.:	1950
IMDG:	2102
Class:	2.1
ICAO/IATA:	2.2
RID/ARD:	2,5 ' A

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15. Regulatory Information

Risk Phrases:

12: Extremely flammable

Safety Phrases:

2: Keep out of reach of children

16: Keep away from sources of ignition

23: Do not breath Vapour/Spray

46: If swallowed seek medical advice immediately & show this container or label.

51: Use only in well ventilated areas.

Regulatory references: The Chemicals (Hazard Information & Packaging) regulations 1994 & subsequent amendments.

16. Other Information

The information contained in this data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. It does not constitute the user's own assessment of workplace risks as required by other Health & Safety legislation. The provisions of the Health & Safety at Work Act & the Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier & obtaining written handling instructions.

As the specific conditions of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

This product is not classified as dangerous according to the Chemicals (Hazard Information OES/MEL values are obtained from the current issue of EH40 unless indicated thus (Sup) when a value has been obtained from the supplier.

Further information & advice can be found in the following publications:

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657)

The Environmental Protection(Duty of Care) Regulations 1992 (SI 1992:2839)