SAFETY DATA SHEET

accordingtoRegulation(EU)2020/878

Insette Citrus Airfreshener

Revision 3

Revision date 2025-05-20

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Insette Citrus Airfreshener
Other means of identification / UFI	UFI:HC10-E0QU-S001-N21J

1.3. Details of the supplier of the safety data sheet

Company	LEC (Lpool) Ltd
Address	LEC House Alfred Street Wavertree Liverpool L15 2JJ
Web	www.insette.com
Telephone	+44 (0) 151 734 1411
Email	sales@insette.com
Email address of the competent person	sales@insette.com

1.4. Emergency telephone number

Emergency telephone number	+44 (0) 151 734 1411
Company	LEC (Lpool) Ltd 9.00 am - 5.00 pm GMT Mon - Fri NPIS NHS 111 (England) T: 111 NHS 24 (Scotland) T: 111 NHS Direct (Wales) T: 111 or 0845 46 47 Northern Ireland - contact your GP. Out-of-hours: www.gpoutofhours.hscni.net

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Aerosols 1: H222; Aquatic Chronic 3: H412;
2.1.2. Classification - EC 1272/2008	H229 - Pressurised container: May burst if heated.

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Aerosols 1: H222 - Extremely flammable aerosol. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Precautionary Statement: Prevention	P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P273 - Avoid release to the environment.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool. P410+P412 - Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to in accordance with local and national regulations.

2.3. Other hazards

Other hazards	This product does not contain any known or suspected endocrine disruptors. This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH No.	Conc. (%w/w)	Classification
Petroleum gases, liquified. (Liquefied petroleum gas)		68476-85-7	270-704-2		20 - 30%	Flam. Gas 1: H220; Aerosols 1: H222; Liquified gas: H280;
Citrus AF-22 15673					0.5 - 1%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410;
Sodium Nitrite 99%	007-010-00-4	7632-00-0	231-555-9		0 - 0.5%	Ox. Sol. 3: H272; Acute Tox. 3: H301; Eye Irrit. 2: H319; Aquatic Acute 1: H400;

Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If the person is breathing, but unconscious, place them in the recovery position. Obtain medical assistance immediately. Treat symptomatically. Administer oxygen if necessary.
Eye contact	Treat frostbite with lukewarm water. Get immediate medical advice/attention. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Cover the cold burns with sterile dressings. Do not apply ointments or powders.
Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Contaminated clothing may be a fire hazard and should be soaked with water before being removed. Treat frostbite with lukewarm water. Get immediate medical advice/attention. Cover the cold burns with sterile dressings. Do not apply ointments or powders.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea. Continued exposure may result in unconsciousness and/or death.
Eye contact	May cause irritation to eyes. Cold burns (frostbite) will result from eye contact with liquid.
Skin contact	May cause irritation to skin. Cold burns (frostbite) will result from skin contact with liquid.
Ingestion	May cause irritation to mucous membranes.

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4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Seek medical attention. Treat symptomatically. Administer oxygen if necessary.
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist. Treat frostbite with lukewarm water. Get immediate medical advice/attention.
Ingestion	Seek medical attention if irritation or symptoms persist.

General information

If you feel unwell, seek medical advice (show the label where possible).

Further information

Contact with liquefied gas can cause frostbite due to rapid evaporative cooling.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Flammable liquid and vapour. Heat will increase pressure in sealed containers. Pressurised containers are liable to explode violently when subjected to high temperatures. Cool fire exposed containers with waterspray. Burning produces obnoxious and irritating fumes.

5.3. Advice for firefighters

Wear protective gloves/protective clothing/eye protection/face protection. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Any firefighting products should be contained using appropriate methods. Attempt to prevent the gas from entering low lying areas e.g. cellars, pits, drains, sewers or confined spaces. Attempt to prevent the gas from entering watercourses e.g. rivers, sewers. Check wind direction and attempt to disperse the vapours or to direct their flow (e.g. by using water curtains or fog sprays) to a safer location e.g. area free from ignition sources.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to a safe area. Contact emergency response personnel. Test atmosphere for flammable gas concentrations to ensure safe working conditions before personnel are allowed to enter the area. Vapour may travel considerable distance to source of ignition and flash back. Wear suitable protective clothing and eye/face protection. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.

6.2. Environmental precautions

Advise local authorities if large spills cannot be contained. Attempt to prevent the gas from entering watercourses e.g. rivers, sewers. Do not allow product to enter drains. Do not let product contaminate subsoil.

6.3. Methods and material for containment and cleaning up

Avoid any spark creation. Do not use tools which may produce sparks. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Contact a licensed waste disposal company.

6.4. Reference to other sections

See Section(s) 2, 8, 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Always transport in closed containers that are upright and secure. Do not eat, drink or smoke when using this product. Protect containers against damage. Electrostatic charges may be generated during

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7.1. Precautions for safe handling

	handling and discharge may cause fire. Ensure electrical continuity by earthing all equipment. Eliminate all sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

	Store in a well-ventilated area, away from ignition sources and other sources of heat. Store in correctly labelled containers. Keep at temperature not exceeding 25°C.
Suitable packaging	Keep only in original container.

7.3. Specific end use(s)

	See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information. Please refer to Product Information Sheet & Label before using this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	Occupational exposure controls.

8.1.1. Exposure Limit Values

Petroleum gases, liquified. (Liquefied petroleum gas)	WEL 8-hr limit ppm:1000	WEL 8-hr limit mg/m3:1750
	WEL 15 min limit ppm:1250	WEL 15 min limit mg/m3:2180
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
Sodium Nitrite 99%	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3:2
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Provide engineering controls to ensure exposure levels are controlled.
8.2.2. Individual protection measures	Wear suitable protective clothing. PPE must meet applicable European or national standards.
Eye / face protection	Wear eye/face protection. If there is a risk of splashing or spray wear chemical splash goggles (gas-tight mono goggles), face shield with chin guard or a hybrid of safety glasses and googles -approved to EN-166.
Skin protection - Handprotection	Wear suitable gloves. If contact with product spray is possible or anticipated use gloves against cold (EN-511) e.g. polar grip gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Avoid breathing vapour or spray mist. Wear suitable respiratory equipment when necessary. Suitable half mask respirator with filter P2 (EN 143).
Thermal hazards	Extremely flammable liquid and vapour. Do not use or store near heat or open flame.
8.2.3. Environmental exposure controls	Avoid release to the environment.
Occupational exposure controls	Ensure adequate ventilation of the working area. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Aerosol
Colour	White
Odour	Characteristic
Odour threshold	No data available
pH	8.5 - 10
Melting point	No data available No data available
Freezing Point	No data available
Initial boiling point	
Flash point	60 °C
Evaporation rate	No data available
Flammability (solid, gas)	Extremely flammable gas
Upper Explosive Limit	9 %
Lower Explosive Limit	2 %
Vapour pressure	No data available
Relative Vapour Density	No data available
Density / Relative Density	0.927 (H2O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient (P)	No data available
Autoignition temperature	No data available
Decomposition temperature	> 442 °C
Viscosity	No data available
Oxidising properties	No data available
Solubility	No data available

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	≥ 10 %

9.2.1. Information with regard to physical hazard classes

No further relevant information available.

9.2.2. Other safety characteristics

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions are not expected under normal transport or storage conditions.

10.2. Chemical stability

This product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Extremely flammable liquid and vapour. Contact with combustible material may cause fire.

10.4. Conditions to avoid

Creation of flammable atmospheres. Potential sources of ignition. Heat, sparks and open flames.

10.5. Incompatible materials

Oxidising agents. Combustible materials.

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10.6. Hazardous decomposition products

	Hazardous decomposition products are not expected during normal storage. Burning produces obnoxious and irritating fumes.

SECTION 11: Toxicological information

11.1 Information on hazard classes

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause irritation to skin. Contact with liquid product will cause cold burns and frostbite to the skin.
Serious eye damage/irritation	May cause eye irritation. Cold burns (frostbite) will result from eye contact with liquid.
Respiratory or skin sensitisation	No sensitizaton effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported. No teratogenic effects reported.
Reproductive toxicity	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . No data is available on this product.
STOT-single exposure	No data is available on this product.
STOT-repeated exposure	Avoid prolonged or repeated exposure.
Aspiration hazard	
Repeated or prolonged exposure	

11.2 Information on other hazards

	No data is available on this product.

SECTION 12: Ecological information

12.2. Persistence and degradability

	Readily biodegradable.

12.3. Bioaccumulative potential

	This product does not bioaccumulate.

12.4. Mobility in soil

	No data is available on this product.

12.5. Results of PBT and vPvB assessment

	This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

	This product does not contain any known or suspected endocrine disruptors.

12.7 Other adverse effects

	Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

General information

	Contact a licensed waste disposal company.

Disposal methods

	Dispose of in compliance with all local and national regulations.

Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling. Do not pierce or burn, even after use. Empty containers represent a fire hazard as they will contain flammable product residues and vapour.

Further information

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Further information

	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

	UN1950

14.2. UN proper shipping name

	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID	2.1
Subsidiary risk	see SP63
IMDG	2.1
Subsidiary risk	see SP63
IATA	2.1
Subsidiary risk	see SP63

14.4. Packing group

Packing group	-

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

14.6. Special precautions for user

	Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime Transport in bulk according to IMO instruments

	No data is available on this product.

ADR/RID

Hazard ID	-
Tunnel Category	(D)

IMDG

EmS Code	F-D S-U

IATA

Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg

Further information

	Classified as dangerous goods for carriage under road/rail/sea/air regulations. This product is packed in accordance with the Limited Quantity Provisions of CDG, ADR and IMDG. These

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Further information

	provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the Limited Quantities requirements of these regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. Regulation EU 2016/425 on personal protective equipment. Framework Directive 89/391/EEC on the introduction of measures to encourage improvements in the safety and health of workers at work – as amended. Directive 89/656/EEC on the minimum health and safety requirements for the use by workers of personal protective equipment at the workplace (3 individual directive) – as amended. Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work - as amended. Directive 1999/92/EC on minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres – as amended. Directive 2008/98/EC on waste – as amended. Directive 2012/18/EU on the control of major accident hazards involving dangerous substances. Directive 2008/68/EC on inland transport of dangerous goods – as amended. Aerosol Dispensers Regulations 2009. The Aerosol Dispensers (Amendment) Regulations 2018.

15.2. Chemical safety assessment

	A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 9 - 9.1. Information on basic physical and chemical properties (Flash point).
Acronyms	ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM -American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response;

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Other information

	GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; N.O.S. -Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS -Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative. Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic) Asp. Tox. = Aspiration hazard Eye Dam. = Serious eye damage Carc. = Carcinogenicity Eye Irrit. = Eye irritation Flam. Liq. = Flammable liquid Press. Gas (Liq.) = Gas under pressure: Liquefied gas Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation STOT RE = Specific target organ toxicity-repeated exposure STOT SE = Specific target organ toxicity-single exposure. Flam. Gas 1: H220 - Extremely flammable gas. Aerosols 1: H222 - Extremely flammable aerosol. Liquified gas: H280 - Contains gas under pressure; may explode if heated.
Text of Hazard Statements in Section 3	Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction.

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Other information

	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Ox. Sol. 3: H272 - May intensify fire; oxidiser. Acute Tox. 3: H301 - Toxic if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Acute 1: H400 - Very toxic to aquatic life.
Maximum content of VOC	10 %.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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