SAFETY DATA SHEET

ISSUED DATE: Jan 2024

REVISION: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Aerosol Air Duster 400mL
ITEM CODE: CL-1827F
Recommended Use: Computer cleaning, camera cleaning

LASER CORPORATION HOLDINGS PTY LTD
Address: Unit 1,6-8 Byfield Street, North Ryde, NSW 2113,
EMERGENCY TELEPHONE NUMBERT: 02) 9870 3388

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture;

This material is classified as a Hazardous Substance and dangerous according to the Worksafe Australia Criteria.

Physical Hazards:	Flammable Gas: Category 1
Health Hazards:	Not classified
Environmental Hazards:	Not classified

2.2. Label elements

Hazard pictograms:

Signal Word;	Danger
Hazard Statements:	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Precautionary Statements:	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 Pressurized container: Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P403 Store in a well-ventilated place. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C / 122°F.

3. CHEMICAL COMPOSITION / INGREDIENTS INFORMATION

Ingredient	CAS No	%
1,1-difluoroethane	75-37-6	100

4. FIRST AID MEASURES

Eyes:	Flush eye with large amount of water. If persistent irritation occurs obtain medical attention.
Skin:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Inhalation:	Remove from exposure immediately. If rapid recovery does not occur, obtain medical attention.

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Ingestion: Rinse mouth with water. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Do not induce vomiting.

5. FIRE FIGHTING

5.1. Extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture: Aerosol containers can explode when heated, due to excessive pressure build-up. In case of fire, toxic gases may be formed.

5.3. Advice for fire-fighters: In case of fire, use Self Contained Breathing Apparatus with full face mask and complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

For Large Spills:
Shut off all possible sources of ignition. Increase ventilation. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain, prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. Wash down area with detergent and excess water.
Refer to State Land Waste Management Authority. Advise flammable nature. Normally suitable for incineration by approved agent.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid inhalation of aerosols and contact with skin and eyes. Keep away from heat, sparks and open flame. Provide good ventilation. Mechanical ventilation may be required. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities: Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Always store proper, out of the reach of children and not together with food, feed, medicine and the like. Store at moderate temperatures in dry, well ventilated area.

8. EXPOSURE CONTROLS/PPE

8.1 Control parameters:

Substance	CAS	Value	TWA Year
1,1-difluoroethane	75-37-6	TWA (8h): 1000 mg/m3	TWA Year: 2008

DNEL / PNEC

Summary of risk management measures, human Data lacking.
Summary of risk management measures, environment Data lacking.

8.2 Exposure controls:

Technical measures to prevent exposure: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Mechanical ventilation may be required.
Eye / face protection: Eye protection is not required under normal conditions.
Hand protection: Under normal conditions of use gloves are not normally required.
Skin protection: No special precautions.
Respiratory protection: In case of inadequate ventilation wear respiratory protection. Use respiratory equipment with gas filter, type AX.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Aerosol
Colour	Colourless
Odour	Almost odourless
Odour limit	Not available
pH	Not applicable
Melting point / melting range	Not applicable

Boiling point / boiling range	-24. 7 °C
Flash point	-81 °C
Lower explosion limit	3,7vol%
Upper explosion limit	18 vol%
Vapour pressure	5,3 hPa @ 20 °C
Bulk density	0,91 g/cm³
Solubility in water	Not soluble

10. STABILITY AND REACTIVITY

10.1 Reactivity: Stable under normal use conditions
10.2 Chemical Stability: Stable under normal use conditions
10.3 Possibility of hazardous reactions: See below
10.4 Conditions to avoid: Heat, ignition sources and direct contact with eyes.
10.5 Incompatible materials: Strong oxidising agents. Strong acids.
10.6 Hazardous decomposition products: Not available

11. TOXICOLOGIAL INFORMATION

11.1 Information on toxicological effects.

Acute toxicity
Type of toxicity: Acute
Effect tested: LC50
Route of exposure: Inhalation
Value: 977000mg/ m³/2h

11.2 Other information regarding health hazards

Assessment of acute toxicity, classification	No evidence for acute toxicity.
Inhalation	Solvent vapours are hazardous and may cause nausea, sickness and headaches.
Skin contact	No specific symptoms noted.
Eye contact	May cause temporary eye irritation.
Ingestion	Not likely, due to the form of the product.
Sensitisation	No evidence for respiratory nor skin sensitization.
Mutagenicity	No evidence for germ cell mutagenicity.
Carcinogenicity, other information	No evidence for carcinogenicity.
Reproductive toxicity	No evidence for reproductive toxicity.
Assessment of specific target organ SE, classification	No evidence for STOT-single exposure.
Assessment of specific target organ toxicity RE, classification	No evidence for STOT-repeated exposure.
Assessment of aspiration hazard, classification	No evidence for aspiration hazard.
Symptoms of overexposure	High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

12. ECOLOGICAL INFORMATION

12.1. Toxicity: For this product no classification is required for environmental hazards
12.2. Persistence and degradability: Evaporated solvents are expected to degrade photochemically in the atmosphere.
12.3. Bioaccumulative potential: The product is not bioaccumulating.
12.4. Mobility in soil: Product evaporates immediately.
12.5. Results of PBT and vPvB assessment: This product does not contain any PBT or vPvB substances.
12.6. Other adverse effects: For this product no classification is required for environmental hazards.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

	ADG	IMDG	IATA
UN Number	1950	1950	1950
UN Proper Shipping Name	AEROSOLS	AEROSOLS	AEROSOLS, FLAMMABLE
Transport Hazards Class	2.1	2.1	2.1
Transport Hazard Sub Class	None allocated	None allocated	None allocated
Packaging Group	None allocated	None allocated	None allocated
Hazchem code	2YE		
ADG Special Provisions Code	None allocated	None allocated	None allocated
Environmental Hazards	None allocated	None allocated	None allocated

15. REGULATORY INFORMATION

Poisons schedule SUSMP (Australia): Not scheduled
Australia Inventory (AICS): All components are listed or exempted
New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted
HSNO Approval Number (New Zealand): HSR002532
HSNO Group Standard (New Zealand): Compressed gas mixtures

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.