

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

1. PRODUCT AND COMPANY INFORMATION

PRODUCT INFORMATION

Product name	CABIN ODOR REMOVER & DISINFECTANT
Packing	200 ML.
Use of the Substance/mixture	CAR CABIN ODOUR ELIMINATOR
Company Information	FIRSTBRIDGE SOLUTIONS ASIA LLP No. 21, GF, Medarahalli Myadarahalli, Bengaluru - 560090, Karnataka IN +91 99805 16657 bjoydeep@firstbridgeasia.com www.firstbridgeasia.com

2. HAZARD(S) IDENTIFICATION

COMMON HAZARD CATEGORIES

Eye Irritation/Damage	<ul style="list-style-type: none">Many products are classified as causing Serious Eye Damage or Serious Eye Irritation (e.g., Category 1 or 2A).This is often the most common acute health hazard.
Skin Irritation/Sensitization	<ul style="list-style-type: none">Products may cause Skin Irritation (e.g., Category 2).Some ingredients, particularly fragrances or preservatives (e.g., 1,2-BENZISOTHIAZOLIN-3-ONE), may cause an allergic skin reaction (Skin Sensitization, Category 1).
Flammability	<ul style="list-style-type: none">Sprays containing a significant amount of alcohol (like Ethanol) are often classified as a Highly Flammable Liquid and Vapor (e.g., Flammable Liquids, Category 2).In some non-flammable formulations, this risk is minimal or absent.
Inhalation	<ul style="list-style-type: none">Inhalation of the spray mist or vapor may cause respiratory tract irritation.
Ingestion	<ul style="list-style-type: none">Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.For some products, ingestion of large amounts may cause drowsiness or be harmful.

EXAMPLES OF SPECIFIC HAZARD STATEMENTS (H-STATEMENTS)

H319: CAUSES SERIOUS EYE IRRITATION.

H318: Causes serious eye damage.

H315: Causes skin irritation.

EUH208: Contains [Sensitizing ingredient]. May produce an allergic reaction.

H225: Highly flammable liquid and vapor (if alcohol-based).



FIRSTBRIDGE SOLUTIONS ASIA LLP

NO. 21, GF, MEDARAHALLI MYADARAHALLI, BENGALURU - 560090,
KARNATAKA | IN

+91 99805 16657

bjoydeep@firstbridgeasia.com

firstbridgeasia.com

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENTAGE RANGE	CAS & OTHER DETAILS
ISOPROPYL ALCOHOL / ETHANOL	05. - 20	67-63-0
ODOUR NEUTRALIZING AGENT	05 - 15.	BASF
FRAGRANCE - A	08 - 10.	68476-85-7
FRAGRANCE - B	08 - 10.	68476-85-7
TINOSAN DISINFECTANT	05 - 15.	BASF
XL 80	05 - 10.	166736-08-9.
Liquefied Petroleum Gas	10. - 20	68476-85-7

4. FIRST-AID MEASURES

Inhalation: Move to fresh air if excessive inhalation occurs. Seek medical help if breathing difficulty persists.

Skin Contact: Wash with soap and water. Stop use if irritation develops.

Eye Contact: Rinse cautiously with water for several minutes. Remove lenses if present. Seek medical attention if irritation continues.

Ingestion: Rinse mouth. Do not induce vomiting. Seek immediate medical attention if large amounts are swallowed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, carbon dioxide, foam.

Unsuitable Media: Water jet may spread fire.

Hazardous Combustion Products: Carbon oxides, hydrocarbon vapors.

Protective Equipment: Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Remove all ignition sources. Use protective gloves and eyewear.

Environmental Precautions: Prevent release into drains and waterways.

Methods for Cleaning: Ventilate area. Absorb spilled liquid with inert material. Dispose according to regulations.

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

7. HANDLING AND STORAGE

Area	Common Precautions
General	<ul style="list-style-type: none">- Read and follow all directions and precautions on the product label and SDS before use.- Use only in a well-ventilated area. If ventilation is poor, use respiratory protection (if specified on the SDS).- Avoid breathing vapor, spray, or mist.- Avoid contact with eyes and prolonged contact with skin.- Wash hands thoroughly after handling and before eating, drinking, or smoking.
Personal Protective Equipment (PPE)	<ul style="list-style-type: none">- Wear protective gloves (e.g., neoprene, rubber, or as specified) if prolonged or repeated contact is expected.- Wear eye protection (e.g., safety glasses or chemical splash goggles) if splashing is likely.- Wear appropriate clothing to prevent skin contact if necessary.
Flammable Products (Aerosols or Alcohol-Based)	<ul style="list-style-type: none">- Keep away from heat, sparks, open flames, and hot surfaces. NO SMOKING.- Do not spray on an open flame or other ignition source.- Aerosol cans: Do not pierce or burn, even after use.

STORAGE CONDITIONS

Area	Common Precautions
General	<ul style="list-style-type: none">- Store in a cool, dry, and well-ventilated area.- Keep container tightly closed when not in use.- Store locked up and out of reach of children.- Store away from food and drinking water.
Temperature	<ul style="list-style-type: none">- Protect from excessive heat and freezing (specific temperature ranges may be provided).- Aerosol cans: Protect from sunlight and do not expose to temperatures exceeding a specified limit (often or) as this may cause bursting.
Incompatibilities	<ul style="list-style-type: none">- Store away from incompatible materials, which often include strong oxidizing agents, strong acids, and strong bases.
Flammable Products	<ul style="list-style-type: none">- Store in a segregated and approved area away from ignition sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: NOT REQUIRED UNDER NORMAL USE.

- Skin Protection: Gloves recommended for prolonged contact.
- Eye Protection: Safety glasses recommended.



FIRSTBRIDGE SOLUTIONS ASIA LLP

NO. 21, GF, MEDARAHALLI MYADARAHALLI, BENGALURU - 560090,
KARNATAKA | IN

+91 99805 16657

bjoydeep@firstbridgeasia.com

firstbridgeasia.com

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Characteristics/Ranges	Notes
Physical State	Aerosol (Gas and Liquid mixture)	Dispensed as a fine mist/spray.
Appearance	Clear to Hazy Liquid or Gas-Liquid mixture	Often a colorless liquid inside the can.
Odor	Characteristic (often pleasant, e.g., floral, citrus) or Fragrance-Free	Depends on the added fragrance/perfume.
pH	Neutral to Slightly Acidic (e.g., 6.0 - 7.0)	Water-based formulations tend to be near neutral.
Flammability	Extremely Flammable Aerosol or Flammable Aerosol	Most aerosols contain flammable propellants (like Propane, Butane, Isobutane, or other petroleum gases) and/or flammable solvents (like Acetone, Ethanol, Isopropyl Alcohol).
Flash Point	Typically very low, often < 0°C (for the propellant/liquid mixture)	Indicates high flammability. Some non-aerosol, pump-spray odor eliminators may have higher flash points.
Vapor Pressure	High	Due to the pressurized contents (propellants), necessary for the aerosol function.
Solubility in Water	Varies, can be Insoluble or Miscible/Soluble	Depends heavily on the main components and concentration. Many are water-based and mix well; those with high hydrocarbon or solvent content may be insoluble.
Propellants	Liquefied Petroleum Gas (LPG) like Propane, Butane, Isobutane, or non-flammable propellants like HFC-152a, or nitrogen/carbon dioxide.	Key components for the aerosol delivery.
Reactivity/Stability	Stable under normal conditions.	Avoid high heat, open flames, and strong oxidizers.
Explosive Properties	Pressurized container; may explode if heated or exposed to high temperatures (>50°C or 122°F). Vapors may form explosive mixtures with air.	A major hazard for aerosol products.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: Heat, sparks, flames, temperatures > 50°C.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides, hydrocarbon vapors.



FIRSTBRIDGE SOLUTIONS ASIA LLP

NO. 21, GF, MEDARAHALLI MYADARAHALLI, BENGALURU - 560090,
KARNATAKA | IN

+91 99805 16657

bjoydeep@firstbridgeasia.com

firstbridgeasia.com

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

11. TOXICOLOGICAL INFORMATION

KEY INGREDIENTS AND SPECIFIC HAZARDS:

PROPELLANTS (E.G., PROPANE, BUTANE, ISOBUTANE):

- **Main hazard:** Asphyxiation and Central Nervous System (CNS) depression at high concentrations. Highly flammable/Explosive risk.
- **LC50 (Inhalation):** Typically in the range of 658 - 1237 mg/L for 4 hours (rat) for the propellants, indicating they are toxic via inhalation at high levels.

OTHER INGREDIENTS (E.G., ALCOHOLS, GLYCOLS, SURFACTANTS, PRESERVATIVES):

- These can contribute to the irritating effects on the eyes, skin, and respiratory tract.
- Specific preservatives like 1,2-BENZISOTHIAZOLIN-3-ONE (BIT) are known skin sensitizers (can cause an allergic skin reaction).

FIRST AID MEASURES (GENERAL):

INHALATION

Move the affected person to fresh air and keep them warm and at rest. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.

EYE CONTACT

Rinse immediately and thoroughly with plenty of water for several minutes, removing contact lenses if present. Get immediate medical attention if irritation persists or if product is classified as causing serious eye damage.

SKIN CONTACT

Remove contaminated clothing and wash skin thoroughly with soap and water. Seek medical attention if irritation or a rash develops.

INGESTION

Do NOT induce vomiting. Rinse mouth. Give plenty of water to drink. Seek immediate medical attention.

ALWAYS TREAT THE AEROSOL AS:

1. Extremely Flammable (A major physical hazard).
2. Pressurized (Danger of bursting if heated).
3. An Eye Irritant (Wear eye protection).
4. A potential Respiratory Irritant (Use in well-ventilated areas).

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

- The product may or may not be officially classified as “dangerous for the environment.”
- Specific aquatic toxicity data for the final product is often unavailable, as testing is primarily done on individual raw materials.
- If ingredients are known to have aquatic toxicity (e.g., certain surfactants, biocides, or volatile organic compounds (VOCs) like ethanol/isopropyl alcohol), the SDS will usually note that the ingredients are Toxic to aquatic life or Toxic to aquatic life with long-lasting effects.



FIRSTBRIDGE SOLUTIONS ASIA LLP

NO. 21, GF, MEDARAHALLI MYADARAHALLI, BENGALURU - 560090,
KARNATAKA | IN

+91 99805 16657

bjoydeep@firstbridgeasia.com

firstbridgeasia.com

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

PERSISTENCE AND DEGRADABILITY:

- Many of the organic components, especially surfactants and sometimes the active odor-neutralizing agents, are often stated to be readily biodegradable or comply with biodegradability criteria.
- Propellants (like propane, butane, isobutane) are gases that rapidly disperse in the atmosphere.

BIOACCUMULATIVE POTENTIAL:

In many cases, the product is not expected to be bioaccumulating, especially if the primary ingredients are water-soluble or readily biodegradable.

MOBILITY IN SOIL:

Usually, information is limited, but for water-soluble components, there is often an expectation of high mobility in soil.

RESULTS OF PBT AND VPVB ASSESSMENT:

Many SDSs state that the product does not contain any substances classified as PBT (Persistent, Bioaccumulative, and Toxic) or vPvB (very Persistent and very Bioaccumulative).

ENVIRONMENTAL PRECAUTIONS / DISPOSAL:

- A critical point is that uncontrolled discharges into watercourses must be reported to the appropriate regulatory body.
- The product should not be allowed to enter drains, sewers, or waterways.
- Small quantities of liquid waste (after the aerosol container is empty) may be flushed to a sewer with water, but larger volumes must be disposed of by an approved waste contractor.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY AEROSOL CANS

An empty can is generally considered less hazardous:

- Completely Empty: The can must be completely empty of contents and propellant (no hiss, spray, or liquid sloshing when shaken).
- Recycling: Many local authorities permit empty aerosol cans to be recycled with other mixed metals. Do not puncture, crush, or flatten the can before disposal, as it could still contain residual pressure.
- Lid/Cap: Remove the plastic cap and dispose of it according to local plastic recycling guidelines.

DISPOSAL OF PARTIALLY FULL OR FULL AEROSOL CANS

Cans with product or propellant still inside are considered a greater hazard:

- Hazardous Waste: Full or partially full aerosol cans are often classified as hazardous waste due to the propellant (which can be flammable) and the remaining chemical contents.
- Do Not Dispose in Regular Trash/Recycling: They should not be placed in regular trash or standard recycling bins.
- Designated Facilities: They must be taken to a Household Hazardous Waste (HHW) collection event or a designated hazardous waste facility.
- Commercial/Industrial Use: For businesses, disposal may require using an approved waste contractor for hazardous materials.

KEY SAFETY AND ENVIRONMENTAL CONSIDERATIONS

- Do Not Pierce or Incinerate: Pressurized containers should never be punctured, incinerated, or exposed to temperatures exceeding (check the specific SDS for temperature limits) as they may explode.
- Avoid Release to the Environment: Do not pour contents down the drain or storm sewer. Any liquid residue or large spills must be contained and disposed of properly.
- Generator Responsibility: The person or entity discarding the product (the "generator") is responsible for correctly characterizing the waste and ensuring its compliant disposal.

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

14. TRANSPORT INFORMATION

TRANSPORT PARAMETER	COMMON CLASSIFICATION FOR FLAMMABLE AEROSOL
UN Number (UN/ID No.)	UN 1950
Proper Shipping Name	AEROSOLS, Flammable
Transport Hazard Class	2.1 (Flammable Gas)
Packing Group	Not Applicable (or None)

KEY CONSIDERATIONS:

- Consult the Product's Specific SDS: You should always refer to Section 14: Transport Information on the Safety Data Sheet (SDS) provided by the manufacturer of the exact odour eliminator aerosol product you are shipping or handling. This is the only definitive source of information.
- Flammability: Most aerosol odour eliminators use flammable propellants (like butane, propane, or isobutane) and are classified as Flammable Aerosols, leading to the UN 1950, Class 2.1 designation.
- Limited Quantity (LQ) / Consumer Commodity: Shipments of small containers (like consumer aerosols) often qualify for Limited Quantity exceptions. When shipping via air freight, some may be categorized as a Consumer Commodity (ID 8000, Class 9) under specific rules, but the UN 1950, Class 2.1 remains the fundamental classification.
- Non-Flammable/Non-Toxic Aerosols: Rarely, a product may be classified as AEROSOLS, non-flammable, non-toxic with the UN number UN 1950 and Class 2.2 (Non-flammable, Non-toxic Gas). This is less common for odor eliminators.

15. REGULATORY INFORMATION

KEY REGULATIONS FOR AEROSOLS

Aerosols are primarily regulated due to the nature of being a pressurized container and often containing flammable or volatile components.

- Hazard Communication Standards: Compliance with local regulations like:
 - OSHA Hazard Communication Standard (HCS) (United States)
 - WHMIS (Workplace Hazardous Materials Information System) (Canada)
 - CLP Regulation (Classification, Labelling and Packaging) (European Union)
- Flammability: Aerosols are often classified as Extremely Flammable or Flammable Aerosols (e.g., Flammable Aerosol Category 1 or 2) due to the presence of propellants like propane, butane, or isobutane.
- Pressurized Container: Regulated under its classification, e.g., Pressurized container: May burst if heated (Hazard Statement H229).
- Volatile Organic Compounds (VOCs): Regulations (like those from the EPA or state-level regulations in the US) often limit the VOC content of air freshener and odor eliminator products to reduce smog. The SDS might list the VOC content and compliance.

INVENTORY AND REPORTING

The SDS will typically confirm if the product's ingredients are listed on major chemical inventories:

- TSCA (Toxic Substances Control Act) Inventory (United States)
- DSL (Domestic Substances List) or NDSL (Non-Domestic Substances List) (Canada)
- REACH (Registration, Evaluation, Authorisation and Restriction of
- of chemicals known to the state to cause cancer or birth defects.



FIRSTBRIDGE SOLUTIONS ASIA LLP

NO. 21, GF, MEDARAHALLI MYADARAHALLI, BENGALURU - 560090,
KARNATAKA | IN

+91 99805 16657

bjoydeep@firstbridgeasia.com

firstbridgeasia.com

MATERIAL SAFETY DATA SHEET

CABIN ODOR REMOVER & DISINFECTANT



Version : 1.2 Print Date: 19/5/2025 Revision Date: 25/11/2025 MSDS number: 02

16. OTHER INFORMATION

PREPARED ON: 27/ 08 / 2015

Revision Number 1.0

Disclaimer: The information provided is believed to be accurate and represents the best information currently available. Users are responsible for ensuring suitability of use.

ADDITIONAL PRECAUTIONS AND NOTES

- Do not mix with other materials unless advised by supplier.
- Do not use the material directly exposed under sun or high dusty areas.
- No revision information is available.

DISCLAIMER



FIRSTBRIDGE SOLUTIONS ASIA LLP

NO. 21, GF, MEDARAHALLI MYADARAHALLI, BENGALURU - 560090,
KARNATAKA | IN

📞 +91 99805 16657 ✉ bjoydeep@firstbridgeasia.com 🌐 firstbridgeasia.com