

MATERIAL SAFETY DATA SHEET

1. Product And Company Identification

MSDS ID: MSDS491
PRODUCT NAME: Prestone ® Interior Cleaner with Odor Neutralizer
PRODUCT NUMBER: AS-345A, AS345B
FORMULA NUMBER: 2180-185, 2241-104, 2241-187, 2246-154, 2307-29

MANUFACTURER: Honeywell Consumer Products Group
39 Old Ridgebury Road
Danbury, CT 06810-5109

CANADIAN OFFICE: Honeywell Consumer Products Group
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Mississauga, Ontario L5L 3S6

MEDICAL EMERGENCIES AND ALL OTHER INFORMATION PHONE NUMBER:

(800)890-2075 (in the US)
(800)668-9349 (in Canada)

TRANSPORTATION EMERGENCY PHONE NUMBER (Chemical Spills and Transport Accidents only):

CHEMTREC 1-800-424-9300 (in the US)
CANUTEC (613)996-6666 (in Canada)

MSDS DATE OF PREPARATION/REVISION: 01/28/11

PRODUCT USE: Automobile interior cleaner - consumer product

2. Hazards Identification

Cloudy liquid with an orange citrus odor.

EMERGENCY OVERVIEW

Contents under Pressure. Heated cans may rupture. Inhalation may cause irritation, headache, dizziness and drowsiness. Deliberate concentration and inhalation of vapors may be fatal.

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Propane-Butane Propellant	68476-85-7	1-10%
Non-hazardous Ingredients	Proprietary	90-99%

(See Section 8 for Exposure Limits)

4. First Aid Measures

INHALATION: If symptoms of exposure occur, remove to fresh air and seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash all affected and exposed areas with soap and water. If irritation or redness occurs and persists, seek medical attention.

EYE CONTACT: Exposed eyes should be immediately flushed with large amounts of water. If irritation, pain or tearing persist seek immediate medical attention.

INGESTION: Ingestion is an unlikely route of exposure for aerosol products. If ingestion occurs rinse mouth with a small amount of water. Call local poison control center or go to an emergency department. Never give anything by mouth to an unconscious or drowsy person.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment should be directed at the control of symptoms and the clinical condition.

5. Firefighting Measures

EXTINGUISHING MEDIA: Use water fog, carbon dioxide, universal foam or dry chemical. Cool fire exposed containers with water.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored. Protect against rupturing cans.

UNUSUAL FIRE HAZARDS: Contents under pressure. Aerosol cans may explode when exposed to extreme heat.

HAZARDOUS COMBUSTION PRODUCTS: Burning may produce carbon monoxide, carbon dioxide, oxides of sulfur and nitrogen oxides.

6: Accidental Release Measures

Eliminate all ignition sources. Ventilate area. Wear appropriate protective clothing and equipment (See Section 8). Collect with absorbent material and place in appropriate, labeled container for disposal.

7. Handling and Storage

Avoid eye contact. Avoid prolonged or repeated skin contact.
Avoid breathing vapors or mists.
Use only with adequate ventilation.
Wash with soap and water after use.
Contents under pressure.
Keep container away from heat, sparks, open flames and all other sources of ignition.
Do not smoke during use or until product is dry and vapors have dissipated.
Store product below 120 F and away from direct sunlight.
Store in a well ventilated area.
Do not puncture or incinerate containers.

AEROSOL FIRE PROTECTION LEVEL: Level 1 (NFPA 30B)

8. Exposure Controls / Personal Protection

EXPOSURE LIMITS

CHEMICAL	EXPOSURE LIMIT
Propane-Butane Propellant	1000 ppm TWA ACGIH TLV 1000 ppm TWA OSHA PEL

VENTILATION: No specific ventilation normally required. Use general ventilation or local exhaust as required to minimize exposure levels.

RESPIRATORY PROTECTION: None usually required for normal, consumer use. Where concentrations are excessive, a NIOSH approved respirator with organic vapor cartridges and dust/mist prefilters or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select and use in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

GLOVES: Chemical resistant gloves such as nitrile where contact is possible.

EYE PROTECTION: Safety glass or goggles.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Appropriate protective clothing as needed to minimize skin contact.

9. Physical and Chemical Properties

APPEARANCE AND ODOR: Cloudy liquid with an orange citrus odor.

pH: 10.0-10.5	SPECIFIC GRAVITY: 1.01 – 1.02
BOILING POINT: 212° - 213°F (100° - 100.5°C)	VAPOR PRESSURE: Not determined
FREEZING POINT: 32 °F (0°C)	VAPOR DENSITY: >1
SOLUBILITY IN WATER: 93%	EVAPORATION RATE: Greater than 1
PERCENT VOLATILE: 95%	VISCOSITY: Not Applicable
FLASH POINT: 212°F (100°C)	AUTOIGNITION TEMP: Not determined
FLAMMABILITY LIMITS LEL: 1.9% (propellant)	UEL: 9.5% (propellant)
AEROSOL FLAME EXTENSION: Not determined	
FLASHBACK: Not determined	
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not determined	

10. Stability and Reactivity

STABILITY: Stable

CONDITIONS TO AVOID: None.

INCOMPATIBILITY: Strong oxidizing agents, acids, bases and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

INHALATION: Breathing vapors or mists may cause irritation of the mucous membranes and upper respiratory tract, headache, dizziness and drowsiness.

SKIN CONTACT: Prolonged or repeated contact may cause redness and mild irritation.

EYE CONTACT: May cause mild irritation with redness and excess tear production.

INGESTION: Ingestion is an unlikely route of exposure for aerosol products. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

CHRONIC EFFECTS: None expected.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None.

CARCINOGEN: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

Acute Toxicity Values:

Propane: No data available

n-Butane: LC50 Inhalation Rat: 648 gm/m³/4 hr

12. Ecological Information

No ecotoxicity data is available for this product or its components at this time.

13. Disposal Considerations

Dispose of product in accordance with all local, state/provincial and federal regulations.

14. Transport Information

U.S. DOT HAZARD CLASSIFICATION (For Ground Shipments Only)

PROPER SHIPPING NAME: Consumer Commodity
TECHNICAL NAME: None
UN NUMBER: None
HAZARD CLASS/PACKING GROUP: ORM-D
LABELS REQUIRED: None

DOT MARINE POLLUTANTS: This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

IMDG CODE SHIPPING CLASSIFICATION

DESCRIPTION: UN1950, AEROSOLS, 2.1, (FP >100 C), LIMITED QUANTITY
ID NUMBER: UN1950
HAZARD CLASS: 2.1
PACKING GROUP: None
LABELS REQUIRED: None
PLACARDS REQUIRED: LIMITED QUANTITIES on Cargo Transport Unit
Note: This product is exempted from marking the UN number (see IMDG Code 3.4.7)

CANADIAN TDG CLASSIFICATION (For Ground Shipments Only)

PROPER SHIPPING NAME: Consumer Commodity (Limited Quantity)
TECHNICAL NAME: None
CLASS: None
UN NUMBER: None
PACKING GROUP: None

IATA/ICAO SHIPPING CLASSIFICATION:
These products are not suitable for shipment by air.

15. Regulatory Information

EPA SARA 311/312 HAZARD CLASSIFICATION: Sudden Release of Pressure, Fire Hazard

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

PROTECTION OF STRATOSPHERIC OZONE: This product is not known to contain or to have been manufactured with

ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: This product is not subject to spill reporting requirements under CERCLA, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65: This product does not contain chemicals regulated under California Proposition 65.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: One or more of the ingredients are not listed on the Canadian Domestic Substances List.

CANADIAN WHMIS CLASSIFICATION: Class B - Division 5 (Flammable Aerosol)



CANADIAN WHMIS HAZARD SYMBOLS:

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) : All of the ingredients are listed on the EINECS inventory.

AUSTRALIA: One or more of the ingredients are not listed on the Australian Inventory of Chemical Substances (AICS).

JAPAN: One or more of the ingredients are not listed on the Japanese Inventory (MITI).

KOREA: One or more of the ingredients are not listed on the Korean Existing Chemicals List (KECL).

CHINA: All of the ingredients are listed on the Inventory of Existing Chemical Substances in China (IECSC).

PHILIPPINES One or more of the ingredients are not listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

NFPA RATING - FIRE: 1 HEALTH: 1 REACTIVITY: 0

REVISION SUMMARY: Section 15: Updated chemical inventory status for China

This MSDS is directed to professional users and bulk handlers of the product. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations.

While Prestone Products Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Prestone Products Corporation assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

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