



INTERIOR & CARPET CLEANER MSDS441

SECTION 1: IDENTIFICATION

MSDS ID: MSDS441

PRODUCT NAME: PRESTONE INTERIOR & CARPET CLEANER
AS345 Formula: Z59361

MANUFACTURER: Prestone Products Corporation
39 Old Ridgebury Road
Danbury, CT 06810-5109

INFORMATION PHONE NUMBER: (203) 830-7800

EMERGENCY PHONE NUMBER: CHEMTREC 1-800-424-9300
483-7161 in the District of Columbia

MSDS DATE OF PREPARATION/REVISION: 08/09/02

SECTION 2: PRODUCT COMPONENTS

HAZARDOUS COMPONENTS	CAS#	PERCENT	EXPOSURE LIMITS
2-Butoxyethanol	111-76-2	1-10	50 ppm TWA skin OSHA PEL 20 ppm TWA skin ACGIH TLV
Butane	106-97-8	1-10	800 ppm TWA ACGIH TLV

NON-HAZARDOUS INGREDIENTS >1%

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Flammable Aerosol! Heated can may rupture. Eye and skin irritant.
Inhalation may cause headache, dizziness and drowsiness. Deliberate
concentration and inhalation of vapors may be fatal.

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

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

SKIN CONTACT: May cause mild irritation and defatting of the skin.

SKIN ABSORPTION: Prolonged, extensive skin contact may cause
absorption of 2-butoxyethanol in harmful amounts.

EYE CONTACT: May cause mild irritation.

INGESTION: May cause gastrointestinal irritation and nausea. Large amounts swallowed may cause pulmonary edema, acidosis, hypotension and renal (kidney) injury. Massive ingestions consistently cause metabolic acidosis.

CHRONIC HAZARDS: Prolonged overexposure to 2-butoxyethanol may cause blood, liver and kidney damage. Prolonged skin exposure may cause dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: The skin irritating properties of this product may aggravate an existing skin condition, e.g. eczema.

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

SECTION 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 copious amounts of water using a steady stream for a minimum of 15 minutes. If irritation, pain, swelling or tearing develop 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. Immediately 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. Closely monitor acid-base, fluid and electrolyte status. The role of ethanol therapy in preventing ethylene glycol butyl ether toxicity is uncertain but its protective effect has been inferred from animal studies. The poison center should be consulted on these cases.

SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: 32 F (0 C) TCC

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

AEROSOL FLAME EXTENSION: None

FLASHBACK: None

AUTOIGNITION TEMPERATURE: Not Determined

FLAMMABILITY LIMITS: LEL: 1.0 (propellant) UEL: 10.6% (propellant)

EXTINGUISHING MEDIA: Use carbon dioxide, alcohol 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: Flammable aerosol. Aerosol cans may burst in the heat of fire.

HAZARDOUS COMBUSTION PRODUCTS: Burning may produce carbon monoxide and carbon dioxide.

SECTION 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.

SECTION 7: HANDLING AND STORAGE

Avoid eye and skin contact.
Avoid breathing vapors or mists.
Use only with adequate ventilation.
Wash exposed skin thoroughly with soap and water after use.
Flammable Aerosol!
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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use general ventilation or local exhaust as required to maintain exposures below the occupational exposure limits.

RESPIRATORY PROTECTION: None usually required for normal, consumer use. Where concentrations may exceed the exposure limits 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 butyl rubber where contact is possible.

EYE PROTECTION: Safety glass or goggles.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White, foamy liquid with lemon odor packaged as an aerosol product.

pH: Not determined	SPECIFIC GRAVITY: 0.98
BOILING POINT (F): Not determined	VAPOR PRESSURE: Not determined
FREEZING POINT (F): Not applicable	VAPOR DENSITY: Greater than 1
SOLUBILITY IN WATER: Not applicable	VISCOSITY: Not applicable
EVAPORATION RATE: Faster than Ether	PERCENT VOLATILE: 99%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks, flames and all other sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

2-Butoxyethanol: LD50 Oral Rat: 470 mg/kg
LC50 Inhalation Rat: 700 ppm/7 hr
LD50 Skin Rabbit: 220 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL INFORMATION

Dispose of product as hazardous waste (ignitable) in accordance with all local, state/provincial and federal regulations.

Do not incinerate container.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT HAZARD CLASSIFICATION

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: AEROSOLS, CLASS 2, UN1950, FP 0 C, LTD. QTY.
ID NUMBER: UN1950
HAZARD CLASS: 2
PACKING GROUP: NONE
LABELS REQUIRED: NONE
PLACARDS REQUIRED: NONE - Limited Quantity on Transport Container
IMDG Page Number: 2102

SECTION 15: REGULATORY INFORMATION

EPA SARA 311/312 HAZARD CLASSIFICATION: Acute health, chronic health, fire hazard, sudden release of pressure

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

2-Butoxyethanol 111-76-2 10% maximum
(glycol ether)

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: All of the ingredients are listed on the Canadian Domestic Substances List.



INTERIOR & CARPET CLEANER MSDS441

CANADIAN WHMIS CLASSIFICATION: Class D - Division 2 - Subdivision B -
(A toxic material causing other chronic effects), Class B - Division 5
(Flammable Aerosol)

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

JAPAN: All of the ingredients of this product are listed on the
Japanese Existing and New Chemical Substances (MITI) List.

AUSTRALIA: All of the ingredients of this product are listed on the
Australian Inventory of Chemical Substances.

SECTION 16: OTHER INFORMATION

NFPA RATING (NFPA 704) - FIRE: 4
HEALTH: 2
REACTIVITY: 0

REVISION SUMMARY: Revised Header
Removed P from MSDS Number
Changed Contact Name and Phone Number

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 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 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.

If more information is needed, please contact:
Technical Services
Prestone Products Corporation
55 Federal Road
Danbury, CT 06810
(800)-862-7737