

### SECTION 1: IDENTIFICATION

MSDS ID: MSDS434

PRODUCT NAME: PRESTONE(R) Bug n Tar Remover  
PRODUCT NUMBER: AS355/NA, 60251  
FORMULA NUMBER: 2136-1

MANUFACTURER: Honeywell Consumer Products Group  
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Danbury, CT 06810-5109

CANADIAN OFFICE: Honeywell Consumer Products Group  
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(800)668-9349 (in Canada)

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

MSDS DATE OF PREPARATION/REVISION: 03/30/04

PRODUCT USE: Automobile Tar Remover - consumer product

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

### SECTION 2: PRODUCT COMPONENTS

HAZARDOUS COMPONENTS	CAS#	PERCENT	EXPOSURE LIMITS
Aromatic Petroleum Distillate	64742-94-5	1-5	500 ppm TWA OSHA PEL 100 ppm TWA ACGIH TLV
Kerosene	8008-20-6	25-35	500 ppm TWA OSHA PEL 200 mg/m3 TWA ACGIH TLV (as total hydrocarbon vapor)
Propane-Butane	74-98-6	10-15	1000 ppm TWA OSHA PEL
Propellant	106-97-8		800 ppm TWA ACGIH TLV

### SECTION 3: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Contents Under Pressure. Flammable aerosol. Heated can may rupture. Eye and skin irritant. Inhalation may cause headache, dizziness, drowsiness, nausea, narcosis and unconsciousness. Deliberate concentration and inhalation of vapors may be harmful or fatal.

### POTENTIAL HEALTH EFFECTS:

#### ACUTE HAZARDS:

**INHALATION:** Inhalation of high concentrations may produce central nervous system effects including headache, dizziness, drowsiness, nausea, depressed respiration and heart rate, heart rhythm irregularities, shortness of breath, unconsciousness or death.

**SKIN CONTACT:** May cause irritation, seen as localized reddening and swelling. Prolonged or repeated skin contact may cause defatting of the skin, leading to dermatitis.

**EYE CONTACT:** Liquid or vapors may be irritating, causing tearing, reddening and swelling accompanied by a stinging sensation.

**INGESTION:** This is an unlikely route of exposure with an aerosol product. Swallowing may cause gastrointestinal disturbances including irritation, abdominal pain, belching, nausea, vomiting or diarrhea. Large amounts may cause central nervous system effects including headache, dizziness, drowsiness, loss of coordination and fatigue. Aspiration into the lungs may occur during ingestion or vomiting, resulting in severe lung injury.

**CHRONIC HAZARDS:** Reports have associated repeated and prolonged overexposure to petroleum distillates with adverse liver, kidney and bone marrow effects and with permanent brain and nervous system damage.

Repeated skin exposure of kerosene over a two year period resulted in skin cancer in laboratory animals. Petroleum hydrocarbons of similar composition and boiling ranges have been known to produce kidney damage and tumors in male rats following prolonged inhalation exposures.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Because of its irritating defatting properties, this material may aggravate an existing skin condition. Individuals with preexisting diseases of the heart or central nervous system may have increased susceptibility to the toxicity of excessive exposure to the product's propellant.

**CARCINOGEN:** None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

## **SECTION 4: FIRST AID MEASURES**

**INHALATION:** If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek immediate medical attention.

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

INGESTION: Unlikely route of exposure with an aerosol container. Get immediate medical attention by calling Poison Control Center or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or drowsy.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment should be directed at the control of symptoms and clinical conditions. A serious potential toxic effect is aspiration pneumonitis, which may lead to non-cardiogenic pulmonary edema. The patient should be observed for signs of lung injury if aspiration is suspected and should be followed for delayed effects. Following excessive inhalation exposure, cardiac function should be monitored. Because of possible cardiac sensitization to catecholamines, drugs, such as epinephrine, should be used with special caution only in situations of emergency life support.

### SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: 64 F (17 C) TCC

AEROSOL FIRE PROTECTION LEVEL: Level 2 (NFPA 30B)

AEROSOL FLAME EXTENSION: 18 inches

FLASHBACK: No

AUTOIGNITION TEMPERATURE: Not Determined

FLAMMABILITY LIMITS: LEL: 0.7%  
UEL: 9.5%

EXTINGUISHING MEDIA: Use carbon dioxide, dry chemical or alcohol foam. 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 explode when exposed to extreme heat.

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 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.  
Contents under pressure. 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.  
Store in a well ventilated area.  
Do not puncture or incinerate containers.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

RESPIRATORY PROTECTION: None usually required for normal, consumer use. Where concentrations are excessive and irritation develops, a NIOSH approved respirator with organic vapor cartridges with a dust/mist prefilter 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 prolonged contact is possible.

EYE PROTECTION: Safety glasses with sideshields should be used where contact is likely.

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

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: White foam with a petroleum odor packaged as an

aerosol product.

pH: 7.0  
BOILING POINT (F): -572 F  
MELTING POINT (F): Not determined  
SOLUBILITY IN WATER: Not applicable  
PERCENT VOLATILE: 98%  
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not determined

SPECIFIC GRAVITY: 0.84  
VAPOR PRESSURE: Not determined  
VAPOR DENSITY: Heavier than Air  
EVAPORATION RATE: Faster than Ether  
VISCOSITY: Not determined

### SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable  
CONDITIONS TO AVOID: Excessive heat and open flames. Avoid applying to hot surfaces.  
INCOMPATIBILITY: Strong oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon monoxide and carbon dioxide.  
HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: None known.

### SECTION 11: TOXICOLOGICAL INFORMATION

Kerosene: LD50 Oral Rat: >5 gm/kg  
LC50 Inhalation Rat: >5 gm/m<sup>3</sup>/4hr

Light Aromatic Hydrocarbon: LD50 Oral Rat: >5 gm/kg  
LC50 Inhalation Rat: >5500 mg/m<sup>3</sup>/4 hr

Propane: No data available

n-Butane: LC50 Inhalation Rat: 648 gm/m<sup>3</sup>/4 hr

### SECTION 12: ECOLOGICAL INFORMATION

No data available 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: N/A  
UN NUMBER: N/A  
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 17 C, LTD QTY

ID NUMBER: UN1950

HAZARD CLASS: 2

PACKING GROUP: NONE

LABELS REQUIRED: NONE

MARKINGS REQUIRED: AEROSOL MARKINGS ON CARTON

PLACARDS REQUIRED: LIMITED QUANTITIES ON TRANSPORT CONTAINER

CANADIAN TDG CLASSIFICATION

PROPER SHIPPING NAME: Consumer Commodity (Limited Quantity)

TECHNICAL NAME: None

CLASS: None

UN NUMBER: None

PACKING GROUP: None

## 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): 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 CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and 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.

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

CANADIAN WHIMIS HAZARD SYMBOLS: Toxic - Division 2, Flammable Materials

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

### **SECTION 16: OTHER INFORMATION**

Revision Summary: Section 1: Product 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.

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