

**SAFETY DATA SHEET**

**1. Product And Company Identification**

SDS ID: SDS646  
PRODUCT NAME: Prestone ® COMMAND DIESEL EXHAUST FLUID  
PRODUCT NUMBER: HD 1000, HD 1001  
FORMULA NUMBER: 2590-30, 2591-31

MANUFACTURER: Prestone Products Corporation  
Danbury, CT 06810-5109

CANADIAN OFFICE:  
FRAM Group (Canada), Inc.  
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)

SDS DATE OF PREPARATION/REVISION: 01/15/13

PRODUCT USE: Diesel fuel additive – consumer product  
RESTRICTIONS ON USE: None identified

**2. Hazards Identification**

**GHS Classification:**

Health	Environmental	Physical
Not Hazardous	Not Hazardous	Not Hazardous

Label Elements: None

**3. Composition/Information On Ingredients**

Component	CAS No.	Amount
Water	7732-18-5	60-70%
Urea	57-13-6	30-40%

The exact concentrations are a trade secret.

**4. First Aid Measures**

INHALATION: Remove victim to fresh air. Obtain medical attention if irritation occurs or persists.

SKIN CONTACT: Removed contaminated clothing immediately. Wash skin thoroughly with soap and water. Obtain medical attention if irritation occurs or persists.

EYE CONTACT: Exposed eyes should be flushed with copious amounts of water using a steady stream for several minutes. If irritation, pain, swelling or tearing persist, seek medical attention.

Date Prepared: 01/15/2013

INGESTION: If swallowed, get immediate medical advice by calling a Poison Control Center, or emergency room. If advice is not available, take victim and product container to the nearest emergency treatment center or hospital. Do not attempt to give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS: May cause slight eye and skin irritation. Ingestion may cause gastrointestinal irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NEEDED: None known.

NOTES TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical conditions.

### 5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: This product is not combustible. Use any media that is appropriate for the surrounding fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Thermal decomposition may produce oxides of nitrogen.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHERS: Firefighters should wear positive pressure self- contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

### 6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear appropriate protective clothing and equipment (See Section 8).

METHODS AND MATERIALS FOR CONTAINMENT/CLEANUP: Collect with absorbent material and place in appropriate, labeled container for disposal or, if permitted flush spill area with water.

### 7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:  
Avoid eye, and prolonged or repeated skin contact.  
Do not reuse empty containers unless properly cleaned.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:  
Store in a cool, dry area.

### 8. Exposure Controls / Personal Protection

#### EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Water	None Established (PEL/TLV)
Urea	10 mg/m3 TWA AIHA WEEL

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

#### PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None needed under normal conditions of use.  
GLOVES: None normally needed. For prolonged contact rubber or neoprene gloves can be worn.

EYE PROTECTION: Safety glasses recommended if splashing is possible.

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

**9. Physical and Chemical Properties**

APPEARANCE:	Clear liquid	ODOR:	Not determined
ODOR THRESHOLD:	Not determined	pH:	9.3 - 9.8
MELTING/FREEZING POINT:	11.3 to 11.5°F (-11.5 to -11.4°C)	BOILING POINT/RANGE:	220°F (104.4°C)
FLASH POINT:	None to 216°F (>102.2°C) Setaflash	EVAPORATION RATE:	Not determined
FLAMMABILITY (SOLID, GAS)	Non-Flammable	FLAMMABILITY LIMITS:	LEL: Not applicable UEL: Not applicable
VAPOR PRESSURE:	Not determined	VAPOR DENSITY:	Not determined
RELATIVE DENSITY:	1.091 – 1.092	SOLUBILITIES	Water: 100%
PARTITION COEFFICIENT (n-octanol/water)	Not determined	AUTOIGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not determined	VISCOSITY (Cst @ 68°F):	Not determined

**10. Stability and Reactivity**

REACTIVITY: Normally unreactive

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: None known

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Strong acids, and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of nitrogen.

**11. Toxicological Information**

**POTENTIAL HEALTH EFFECTS:**

**ACUTE HAZARDS:**

INHALATION: Inhalation is not expected to be hazardous. Inhalation of large amounts of mist may cause mucous membrane irritation.

SKIN CONTACT: Skin contact is not expected to be hazardous. Prolonged or excessive contact may cause skin irritation.

EYE CONTACT: Liquid or mist may cause discomfort in the eye with persistent conjunctivitis, seen as slight excess redness or conjunctiva.

INGESTION: Ingestion of small amounts is not expected to be acutely hazardous. Ingestion of large amounts may cause gastrointestinal irritation.

CHRONIC HAZARDS: None currently known.

Date Prepared: 01/15/2013

CARCINOGENICITY LISTING: None of the ingredients are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.

**ACUTE TOXICITY VALUES:**

Urea: LD50 Oral Rat: 8471 mg/kg

**12. Ecological Information**

**ECOTOXICITY:**

No ecotoxicity data is available at this time.

**PERSISTENCE AND DEGRADABILITY:**

Urea is rapidly hydrolyzed to ammonia and carbon dioxide in environmental systems by the extracellular enzyme, urease, which originates from microorganisms and plant roots.

**BIOACCUMULATIVE POTENTIAL:**

Urea: The potential for bioconcentration in aquatic organisms is low.

**MOBILITY IN SOIL:**

Urea: Very high mobility in soil.

OTHER ADVERSE EFFECTS: None known

**13. Disposal Considerations**

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

**14. Transport Information**

U.S. DOT HAZARD CLASSIFICATION: Not Regulated

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

IMDG CODE SHIPPING CLASSIFICATION: Not Regulated

CANADIAN TDG CLASSIFICATION: Not Regulated

**15. Regulatory Information**

EPA SARA 311/312 HAZARD CLASSIFICATION: This product is not considered hazardous under OSHA and SARA Title III, Section 311.

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, 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.

**Date Prepared: 01/15/2013**

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: Not a controlled product.

CANADIAN WHMIS HAZARD SYMBOLS: None

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS 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.

NEW ZEALAND All of the ingredients of this product are listed on the Hazardous Substance and New Organisms list (HSNO)

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

KOREA: All of the ingredients of this product are listed on the Korean Existing Chemical List (KECL).

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

PHILIPPINES: All of the ingredients of this product are listed on the Philippine Inventory of Chemical and Chemical Substance (PICCS)

#### **16. Other Information**

NFPA RATING (NFPA 704) - FIRE: 0      HEALTH: 1      REACTIVITY: 0

REVISION SUMMARY: New SDS.

SDS Date of Preparation/Revision: January 15, 2013

This SDS 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.

If more information is needed, please contact:      Prestone Products Corporation  
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