



SAFETY DATA SHEET

1. Product And Company Identification
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SDS ID: SDS 669
 PRODUCT NAME: Prestone ® Command SCA Type 2
 PRODUCT NUMBER: HD200-16, HD200-64, HD200-5G, HD200-55, TR84718-X1, TR84718-X2, TR84718-X3, and TR84718-X4
 FORMULA NUMBER: 2626-140

MANUFACTURER: Prestone Products Corporation 69 Eagle Rd. Danbury, CT 06810	CANADIAN OFFICE: AutoSupply Acquisition Canada Inc. 33 MacIntosh Blvd. Concord, ON L4K 4L5	MEXICO OFFICE: ASG Operations Mexico S. de R.L. de C.V. Carretera Mexico Cuautitlan, Kilometro 31.5, Nave Industrial 5, Loma Bonita, Cuautitlan, Mexico, 54800
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MEDICAL EMERGENCIES AND ALL OTHER INFORMATION PHONE NUMBER:

(888)269-0750 (in the US and Canada)
 01-800-715-4135 (in Mexico)

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

CHEMTREC 1-800-424-9300 (in the US and Canada) +1 703 741-5970 (outside the US and Canada)


PRODUCT USE: Radiator Additive
 RESTRICTIONS ON USE: None identified

2. Hazards Identification

GHS Classification:

Health	Physical
Skin Corrosion Category 1 Skin Sensitizer Category 1 Eye Damage Category 1 Toxic to Reproduction Category 2	Not Hazardous

Label Elements


<p>DANGER! H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H361 Suspected of damaging fertility or the unborn child.</p> <p>Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dusts or mists.</p>

P264 Wash exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER or doctor.
P303 + P361 + P533 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P310 Immediately call a POISON CENTER or doctor.
P363 Wash contaminated clothing before reuse.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P308 + P313 IF exposed or concerned: Get medical attention.
Storage:
P405 Store locked up.
Disposal:
P501 Dispose of contents and container in accordance with local and national regulations

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Sodium Nitrite	7632-00-0	1-5
Sodium Mercaptobenzothiazole	7757-79-1	1-5
Disodium Tetrabotate, Anhydrous	1330-43-4	0.1-1.0

The exact concentrations are a trade secret.

4. First Aid Measures

INHALATION: Remove the victim to fresh air. If breathing has stopped administer artificial respiration. If breathing is difficult, have medical personnel administer oxygen. Get medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash contacted area thoroughly with soap and water. If irritation persists, get medical attention.

EYE CONTACT: Immediately flush eyes cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

INGESTION: Do NOT induce vomiting. Call local poison control center or go to an emergency department. If person is conscious, have them rinse their mouth with water. Never give anything by mouth to or induce vomiting in an unconscious or drowsy person.

MOST IMPORTANT SYMPTOMS: Corrosive. May cause severe irritation or burns to eyes and skin. May cause an allergic skin reaction. Ingestion may cause burns to the digestive tract. Inhalation of mists may cause damage to lungs. Suspected of causing reproductive and developmental effects based on animal data.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NEEDED: Seek immediate medical attention for eye contact, ingestions, and severe skin burns.

NOTES TO PHYSICIAN: The principal toxic effects of sodium nitrite poisoning are vasodilation and/or methemoglobinemia. Hypotension with syncope and tachycardia are common findings. Coronary vasospasm due to acute



withdrawal may be seen. Paradoxical bradycardia may occur rarely. Coronary ischemia and cerebrovascular disease can occur due to severe hypotension. Immediate life support measures should be provided because of associated hypotension, seizures, and methemoglobinemia-induced anoxia. Immediately contact a poison center or hospital emergency department for treatment advice.

5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: Use any media that is appropriate for the surrounding fire. Cool fire exposed containers with water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Containers heated by fire may burst. Hazardous decomposition products may include oxides of carbon, nitrogen, sulfur, and phosphorus.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: 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: Keep unnecessary or unprotected personnel away. Do not touch or walk through spilled material. Ventilate the area. Wear appropriate protective clothing and equipment (See Section 8).

METHODS AND MATERIALS FOR CONTAINMENT/CLEANUP: Stop leak if it is without risk. Collect with absorbent material and place in appropriate, labeled container for disposal. Avoid dispersal of spilled material and runoff; and contact with soil, waterways, drains, and sewers.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Prevent eye and skin contact. Do not breathe vapors or mists. Wash exposed skin thoroughly with soap and water after use. Use only with adequate ventilation. Remove contaminated clothing and launder before re-use. Keep containers closed when not in use.

Do not reuse empty containers unless properly cleaned. Empty containers retain product residue and may be dangerous. Do not cut, weld, drill, etc. containers, even empty.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Store away from oxidizers in a cool, dry, well-ventilated area. Do not store in opened or unlabeled containers. Keep containers closed when not in use.

NFPA CLASSIFICATION: None.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Sodium Nitrite	None Established
Sodium mercaptobenzothiazole	None Established
Disodium Tetraborate, Anhydrous	2 mg/m ³ ACGIH TLV (Inhalable) 6 mg/m ³ ACGIH STEL (Inhalable)

APPROPRIATE ENGINEERING CONTROLS: General ventilation is adequate for normal use.



PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None normally needed. For operations exposure limits are exceeded, a NIOSH approved respirator with dust/mist cartridges 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 neoprene or PVC where contact is possible.

EYE PROTECTION: Splash-proof goggles.

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

9. Physical and Chemical Properties

APPEARANCE:	Red clear liquid	ODOR:	Mild
ODOR THRESHOLD:	Not determined	pH:	10.8 – 11.8
MELTING/FREEZING POINT:	Not determined	BOILING POINT/RANGE:	Not determined
FLASH POINT:	>200°F (>93.3°C)	EVAPORATION RATE:	Not determined
FLAMMABILITY (SOLID, GAS)	Not Applicable	FLAMMABILITY LIMITS:	LEL: Not determined UEL: Not determined
VAPOR PRESSURE:	Not determined	VAPOR DENSITY:	Not determined
RELATIVE DENSITY:	1.04 – 1.06	SOLUBILITIES	Water: Complete
PARTITION COEFFICIENT (n-octanol/water):	Not determined	AUTOIGNITION TEMPERATURE:	Not determined
DECOMPOSITION TEMPERATURE:	Not determined	VISCOSITY:	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: Avoid strong oxidizing agents and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: None Known.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: May cause irritation of the nose and throat, particularly from mists.

SKIN CONTACT: May cause severe skin irritation with possible burns.

EYE CONTACT: Causes severe eye irritation with possible damage.



INGESTION: Causes burns to mouth and throat. May cause abdominal discomfort or pain. Swallowing sodium nitrite causes the formation of methemoglobin in the blood which may result in cyanosis, lowering of blood pressure, rapid heartbeat and severe headache. Doses as low as 14 mg/kg have been reported to cause toxic effects.

CHRONIC EFFECTS: Suspected of causing reproductive and developmental effects based on animal data. . At high doses, borates have been found to cause reproductive and developmental effects in laboratory animals. The significance of these findings to humans has not been determined.

CARCINOGENICITY LISTING: None of the components of these products at 0.1 % or greater is listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

ACUTE TOXICITY VALUES:

Product: LD50 Oral Rat > 57,000 mg/kg (Calculated)
Sodium Nitrite: LD50 Oral Rat 180 mg/kg
LC50 Inhalation Rat 5.5 mg/m³/4 hr.
Disodium Tetraborate, Anhydrous:
LD50 Oral Rat 2,660 mg/kg
LD50 Dermal Rabbit > 1,055 mg/kg
LC50 Inhalation Rat > 2 mg/m³/ 4 hr.

12. Ecological Information

ECOTOXICITY:

Sodium Nitrite: LC50 *Oncorhynchus mykiss* (Rainbow trout) 0.21 mg/L/ 96 hr.
Disodium Tetraborate, Anhydrous:
LC50 *Gambusia affinis* (Western mosquitofish) 104 mg/L/96 hr.
LC50 *Daphnia magna* (Water flea) 141 mg/L/48 hr.

PERSISTENCE AND DEGRADABILITY: Sodium Nitrite: Because it does not volatilize, nitrate/nitrite is likely to remain in water until consumed by plants or other organisms. Disodium tetraborate, anhydrous: Average persistence at recommended rates is one or more years, depending on soil type and rainfall. Less persistent in acid soils and in high rainfall areas.

BIOACCUMULATIVE POTENTIAL: Disodium tetraborate, anhydrous: Accumulates in plants.

MOBILITY IN SOIL: Disodium tetraborate, anhydrous: Adsorbed by mineral portion of soil. Slowly leached

OTHER ADVERSE EFFECTS: May be harmful to aquatic life with long lasting effects.

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: Acute health, Chronic Health

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

Sodium nitrite	7632-00-0	1-5%
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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: Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center. The RQ for the product, based on the RQ for Sodium nitrite (5% maximum) of 100 lbs, is 2,000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65: This product contains the following chemicals regulated under California Proposition 65:

Phenolphthalein	77-09-8	<0.1	cancer
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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.

16. Other Information

NFPA RATING (NFPA 704) - FIRE: 0 HEALTH: 3 INSTABILITY: 0

REVISION SUMMARY: Section 1: Manufacturer Name, Address and Phone Number, Section 2 GHS Classification, Label Elements; Section 4 Most Important Symptoms; Section 11 Chronic Effects.

SDS Date of Preparation/Revision: October 21, 2016

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.