# Material Safety Data Sheet

**Revision Number:** 002.1 **Issue date:** 04/19/2011

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** **BONDERITE L-GP 5800 CORROSION INHIBITOR known as P3 PREVOX 5800**
**IDH number:** 772735
**Product type:** Corrosion inhibitor
**Region:** United States

**Company address:**
Henkel Corporation
32100 Stephenson Highway
Madison Heights, MI 48071

**Contact information:**
Telephone: 248.583.9300
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

## 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

**HMIS:**

| | | | |
|---|---|---|---|
| **Physical state:** | Liquid | **HEALTH:** | 1 |
| **Color:** | Amber | **FLAMMABILITY:** | 1 |
| **Odor:** | Mild | **PHYSICAL HAZARD:** | 0 |
| | | **Personal Protection:** | See MSDS Section 8 |

CAUTION**:** CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.

**Relevant routes of exposure:** Skin, Inhalation, Eyes

**Potential Health Effects**

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination. Long-term exposure can cause liver and kidney damage.

**Skin contact:** Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

**Eye contact:** This product may be severely irritating to the eyes.

**Ingestion:** Ingestion of this product may cause nausea, vomiting and diarrhea. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.

**Existing conditions aggravated by exposure:** Eye, skin, and respiratory disorders.

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

**See Section 11 for additional toxicological information.**

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components | CAS NUMBER | % |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | 60 - 100 |
| Sulfonic acids, petroleum, sodium salts | 68608-26-4 | 10 - 30 |
| Fatty acids, soap(s) | Proprietary | 1 - 5 |
| Fatty alcohol, ethoxylate | Proprietary | 1 - 5 |
| Diethylene Glycol | 111-46-6 | 1 - 5 |

## 4. FIRST AID MEASURES

| | |
|---|---|
| **Inhalation:** | If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist. |
| **Skin contact:** | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention. |
| **Eye contact:** | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| **Ingestion:** | Get immediate medical attention. Do not induce vomiting. |
| **Notes to physician:** | This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately. |

## 5. FIRE FIGHTING MEASURES

| | |
|---|---|
| **Flash point:** | > 220 °F (> 104.44 °C) |
| **Autoignition temperature:** | Not applicable |
| **Flammable/Explosive limits - lower:** | Not applicable |
| **Flammable/Explosive limits - upper:** | Not applicable |
| **Extinguishing media:** | Water spray (fog), foam, dry chemical or carbon dioxide. |
| **Special firefighting procedures:** | Wear full protective clothing. Wear self-contained breathing apparatus. |
| **Unusual fire or explosion hazards:** | This product is combustible at high temperatures. |
| **Hazardous combustion products:** | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

## 6. ACCIDENTAL RELEASE MEASURES

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

| | |
|---|---|
| **Environmental precautions:** | Prevent further leakage or spillage if safe to do so. Wear suitable protective clothing, gloves and eye/face protection. Remove all sources of ignition. Do not allow product to enter sewer or waterways. |
| **Clean-up methods:** | Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations. |

## 7. HANDLING AND STORAGE

| | |
|---|---|
| **Handling:** | Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. Remove all sources of ignition. Do not take internally. For industrial use only. Launder work clothes frequently. |
| **Storage:** | Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. Manufacturer recommends storing above 4.4 ºC (40 ºF). Thaw and mix thoroughly if frozen. |

**For information on product shelf life, please review labels on container or check the Technical Data Sheet.**

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.**

| Hazardous components | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|---|---|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic | 5 mg/m3 TWA mist<br>10 mg/m3 STEL mist<br>5 mg/m3 TWA Inhalable fraction. | 5 mg/m3 TWA mist<br>500 ppm (2,000 mg/m3) TWA<br>5 mg/m3 TWA Mist. | None | None |
| Sulfonic acids, petroleum, sodium salts | None | None | None | None |
| Fatty acids, soap(s) | None | None | None | None |
| Fatty alcohol, ethoxylate | None | None | None | None |
| Diethylene Glycol | None | None | 10 mg/m3 TWA | None |

**Engineering controls:** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Respiratory protection:** If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**Eye/face protection:** Wear chemical goggles; face shield (if splashing is possible).

**Skin protection:** Wear impervious gloves for prolonged contact. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid
**Color:** Amber
**Odor:** Mild
**Odor threshold:** Not available
**pH:** 9.0 - 10.2
**Vapor pressure:** Not applicable
**Boiling point/range:** > 212 °F (> 100°C) None
**Melting point/ range:** Not available
**Specific gravity:** 0.905 - 0.935 at 60 °F (15.56 °C)
**Vapor density:** Not determined
**Flash point:** > 220 °F (> 104.44 °C)
**Flammable/Explosive limits - lower:** Not applicable
**Flammable/Explosive limits - upper:** Not applicable
**Autoignition temperature:** Not applicable
**Evaporation rate:** Not available
**Solubility in water:** Disperses in water as emulsion
**Partition coefficient (n-octanol/water):** Not available
**VOC content:** 1 %

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal conditions.

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Incompatible materials:** This product may react with strong oxidizing agents.

**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic | No | No | No |
| Sulfonic acids, petroleum, sodium salts | No | No | No |
| Fatty acids, soap(s) | No | No | No |
| Fatty alcohol, ethoxylate | No | No | No |
| Diethylene Glycol | No | No | No |

| Hazardous components | Health Effects/Target Organs |
|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic | Irritant |
| Sulfonic acids, petroleum, sodium salts | No Target Organs |
| Fatty acids, soap(s) | No Records |
| Fatty alcohol, ethoxylate | No Target Organs |
| Diethylene Glycol | Central nervous system, Irritant, Kidney, Liver |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**Hazardous waste number:** Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

## 14. TRANSPORT INFORMATION

**U.S. Department of Transportation Ground (49 CFR)**

**Proper shipping name:** Not regulated
**Hazard class or division:** None
**Identification number:** None
**Packing group:** None

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** Not regulated
**Hazard class or division:** None
**Identification number:** None
**Packing group:** None

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** Not regulated
**Hazard class or division:** None
**Identification number:** None
**Packing group:** None

## 15. REGULATORY INFORMATION

**United States Regulatory Information**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
**TSCA 12(b) Export Notification:** None above reporting de minimus

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus
**CERCLA/SARA Section 311/312:** Immediate Health
**CERCLA/SARA 313:** None above reporting de minimus

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

**WHMIS hazard class:** D.2.B

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format.

**Prepared by:** Mark Mau, Regulatory Affairs Specialist

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