



Safety Data Sheet



Revision Number: 005.1

Issue date: 06/07/2017

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|----------------------------|---|-----------------------------|--|
| Product name: | BONDERITE C-AK 305 ALKALINE CLEANER known as PARCO CLEANER 305 | IDH number: | 670363 |
| Product type: | Cleaner | Region: | United States |
| Restriction of Use: | None identified | Contact information: | Telephone: +1 (860) 571-5100 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.henkeln.com |
| Company address: | Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: MAY BE CORROSIVE TO METALS.
 HARMFUL IF SWALLOWED.
 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

| HAZARD CLASS | HAZARD CATEGORY |
|---------------------|-----------------|
| CORROSIVE TO METALS | 1 |
| ACUTE TOXICITY ORAL | 4 |
| SKIN CORROSION | 1B |
| SERIOUS EYE DAMAGE | 1 |

PICTOGRAM(S)



Precautionary Statements

| | |
|--------------------|---|
| Prevention: | Keep only in original container. Wash affected area thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, clothing, eye and face protection. |
| Response: | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. |
| Storage: | Store locked up. Store in corrosive resistant container with a resistant inner liner. |
| Disposal: | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|------------------------------|------------|-------------|
| Tetrapotassium pyrophosphate | 7320-34-5 | 20 - 30 |
| Potassium hydroxide | 1310-58-3 | 10 - 20 |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

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|----------------------------|--|
| 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: | Remove contaminated clothing and footwear. For skin contact, flush with large amounts of water. Seek immediate medical attention. |
| Eye contact: | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |
| Ingestion: | Seek medical advice. DO NOT induce vomiting unless directed to do so by medical personnel. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions. |
| Symptoms: | See Section 11. |
| Notes to physician: | Treat symptomatically and supportively. |

5. FIRE FIGHTING MEASURES

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|---|---|
| Extinguishing media: | Use media appropriate for surrounding material. |
| Special firefighting procedures: | Wear full protective clothing. Wear self-contained breathing apparatus. |
| Unusual fire or explosion hazards: | This product is an aqueous mixture which will not burn. |
| Hazardous combustion products: | Thermal decomposition can lead to release of irritating gases and vapors. |

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 appropriate protective equipment and clothing during clean-up. |
| 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:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. For industrial use only. Use good hygiene practices when handling this material, including changing and laundering work clothes after use. Discard contaminated shoes and leather goods. NEVER ADD WATER TO PRODUCT. For dilutions, add product slowly to water while stirring. Use caution; heat may be generated.
- Storage:** Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

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 Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|------------------------------|-----------------------------|----------|-----------|-------|
| Tetrapotassium pyrophosphate | None | None | None | None |
| Potassium hydroxide | 2 mg/m ³ Ceiling | None | None | 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:** Chemical resistant, impermeable gloves. 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: | Yellow |
| Odor: | mild |
| Odor threshold: | Not available. |
| pH: | > 13 |
| Vapor pressure: | Not available. |
| Boiling point/range: | > 100 °C (> 212°F)calculated |
| Melting point/ range: | Not determined |
| Specific gravity: | 1.41 - 1.44 |
| Vapor density: | Not determined |
| Flash point: | Not applicable |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not determined |
| Flammability: | Not applicable |
| Evaporation rate: | Not available. |
| Solubility in water: | Complete |
| Partition coefficient (n-octanol/water): | Not determined |
| VOC content: | 2 g/l EPA Method 24 |
| Viscosity: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Stability: | Stable at normal conditions. |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Thermal decomposition can lead to release of irritating gases and vapors. |
| Incompatible materials: | Adding water to this product may cause localized overheating and splattering. |
| Reactivity: | This product reacts with acids. |
| Conditions to avoid: | Store away from incompatible materials. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

| | |
|----------------------|--|
| Inhalation: | Mists, vapors or liquid may cause severe irritation or burns. |
| Skin contact: | Corrosive to the skin. Contact with the skin or mucous membranes may cause severe irritation and burns. |
| Eye contact: | This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness. |
| Ingestion: | This product may produce corrosive damage to the gastrointestinal tract if it is swallowed. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|------------------------------|--|--------------------------------------|
| Tetrapotassium pyrophosphate | None | No Target Organs |
| Potassium hydroxide | Oral LD50 (Rat) = 273 mg/kg Oral LD50 (Rat) = 1.23 g/kg | Corrosive, Irritant |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|------------------------------|----------------|-----------------|--|
| Tetrapotassium pyrophosphate | No | No | No |
| Potassium hydroxide | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Because of the high pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

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| Recommended method of disposal: | Follow all local, state, federal and provincial regulations for disposal. This chemical contains phosphates. |
| Hazardous waste number: | This product, if discarded directly, would be a characteristic RCRA corrosive waste (D002). |

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

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

| | |
|------------------------------------|--|
| Proper shipping name: | Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Tetrapotassium pyrophosphate) |
| Hazard class or division: | 8 |
| Identification number: | UN 3266 |
| Packing group: | II |
| DOT Hazardous Substance(s): | Potassium hydroxide |

International Air Transportation (ICAO/IATA)

| | |
|----------------------------------|--|
| Proper shipping name: | Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Tetrapotassium pyrophosphate) |
| Hazard class or division: | 8 |
| Identification number: | UN 3266 |
| Packing group: | II |

Water Transportation (IMO/IMDG)

| | |
|----------------------------------|--|
| Proper shipping name: | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Potassium hydroxide, Tetrapotassium pyrophosphate) |
| Hazard class or division: | 8 |
| Identification number: | UN 3266 |
| Packing group: | II |

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 minimis |
| CERCLA/SARA Section 302 EHS: | None above reporting de minimis. |
| CERCLA/SARA Section 311/312: | Immediate Health, Reactive |
| CERCLA/SARA Section 313: | None above reporting de minimis. |
| CERCLA Reportable quantity: | Potassium hydroxide (CAS# 1310-58-3) 1,000 lbs. (454 kg) |
| 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/NDL Status: | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
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16. OTHER INFORMATION

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

Prepared by: Regulatory Affairs

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IDH number: 670363

Product name: BONDERITE C-AK 305 ALKALINE CLEANER known as PARCO CLEANER 305
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Option 8 for 24/7 Service



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