# Material Safety Data Sheet

**Revision Number:** 001.0 **Issue date:** 03/07/2012

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** **BONDERITE C-IC 7500 ACID CLEANER known as DEOXIDINE 7500**
**IDH number:** 1682909
**Product type:** Cleaner
**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:** | 3 |
| **Color:** | Light yellow | **FLAMMABILITY:** | 0 |
| **Odor:** | Surfactant | **PHYSICAL HAZARD:** | 0 |
| | | **Personal Protection:** | See MSDS Section 8 |

DANGER–CORROSIVE!: CAUSES EYE, SKIN AND RESPIRATORY TRACT BURNS.

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

**Potential Health Effects**

**Inhalation:** Mists, vapors or liquid may cause severe irritation or burns.
**Skin contact:** This product is severely irritating to the skin and may cause 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.

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

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components | CAS NUMBER | % |
|---|---|---|
| Citric acid | 77-92-9 | 10 - 30 |
| Glycolic acid | 79-14-1 | 10 - 30 |
| Diethylene glycol monobutyl ether | 112-34-5 | 5 - 10 |
| Monoammonium phosphate | 7722-76-1 | 1 - 5 |
| Organic acid, trianolamine salt | Proprietary | 1 - 5 |
| Fatty alcohol ethoxylate/propoxylate | Unknown | 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:** | 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:** | Get immediate medical attention. 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. |

## 5. FIRE FIGHTING MEASURES

| | |
|---|---|
| **Flash point:** | Not available. |
| **Autoignition temperature:** | Not applicable |
| **Flammable/Explosive limits - lower:** | Not applicable |
| **Flammable/Explosive limits - upper:** | Not applicable |
| **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:** | Irritating and toxic gases or fumes may be released during a fire. |

## 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. |
| **Clean-up methods:** | Absorb spill with inert material. Shovel material into appropriate container for disposal. |

## 7. HANDLING AND STORAGE

| | |
|---|---|
| **Handling:** | Avoid contact with eyes, skin and clothing. Avoid breathing mists or aerosols of this product. Wash thoroughly after handling. Do not take internally. For industrial use only. |
| **Storage:** | For safe storage, store between 35 °F (1.7 °C) and 100 °F (37.8 °C)<br>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 components | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|---|---|---|---|---|
| Citric acid | None | None | None | None |
| Glycolic acid | None | None | None | None |
| Diethylene glycol monobutyl ether | None | None | None | 50 ppm TWA<br>75 ppm STEL |
| Monoammonium phosphate | None | None | None | None |
| Organic acid, trianolamine salt | None | None | None | None |
| Fatty alcohol ethoxylate/propoxylate | None | None | None | None |

**Engineering controls:** Ventilation should effectively remove and prevent buildup of any vapor/mist/fume/dust 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:** Light yellow
**Odor:** Surfactant
**Odor threshold:** Not available.
**pH:** Not available.
**Vapor pressure:** Not determined
**Boiling point/range:** Not available.
**Melting point/ range:** Not available.
**Specific gravity:** 1.10 - 1.13
**Vapor density:** Not determined
**Flash point:** Not available.
**Flammable/Explosive limits - lower:** Not applicable
**Flammable/Explosive limits - upper:** Not applicable
**Autoignition temperature:** Not applicable
**Evaporation rate:** Not available.
**Solubility in water:** Complete
**Partition coefficient (n-octanol/water):** Not available.
**VOC content:** Not available.

## 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 alkalies. This product may react with strong oxidizing agents. This product may react with strong reducing agents.

**Conditions to avoid:** Store away from incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|---|---|---|
| Citric acid | No | No | No |
| Glycolic acid | No | No | No |
| Diethylene glycol monobutyl ether | No | No | No |
| Monoammonium phosphate | No | No | No |
| Organic acid, trianolamine salt | No | No | No |
| Fatty alcohol ethoxylate/propoxylate | No | No | No |

| Hazardous components | Health Effects/Target Organs |
|---|---|
| Citric acid | Allergen, Corrosive, Eyes, Irritant |
| Glycolic acid | Corrosive, Irritant, Kidney, Metabolic, Respiratory |
| Diethylene glycol monobutyl ether | Blood, Central nervous system, Irritant, Kidney |
| Monoammonium phosphate | Irritant, Eyes, Kidney |
| Organic acid, trianolamine salt | No Data |
| Fatty alcohol ethoxylate/propoxylate | No Data |

## 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:** This product, if discarded directly, would be a characteristic RCRA corrosive waste (D002). This chemical contains phosphates.

## 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:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Diethylene glycol monobutyl ether (CAS# 112-34-5). Monoammonium phosphate (CAS# 7722-76-1).

**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, E

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** First issue.

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