



Revision Number: 007.0

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** BONDERITE M-AD 700 NEUTRALIZER ADDITIVE known as PARCO NEUTRALIZER 700  
**IDH number:** 593930  
**Product type:** Additive  
**Restriction of Use:** None identified  
**Region:** United States  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067  
**Contact information:**  
 Telephone: (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.henkelna.com

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**DANGER:** CAUSES SERIOUS EYE DAMAGE.

| HAZARD CLASS       | HAZARD CATEGORY |
|--------------------|-----------------|
| SERIOUS EYE DAMAGE | 1               |

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:** Wear eye and face protection.  
**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Immediately call a poison control center or physician.  
**Storage:** Not prescribed  
**Disposal:** Not prescribed

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* |
|------------------------|------------|-------------|
| Ammonium bicarbonate   | 1066-33-7  | 5 - 10      |

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

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#### 4. FIRST AID MEASURES

|                            |   |
|----------------------------|---|
| <b>Inhalation:</b>         | If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist. |
| <b>Skin contact:</b>       | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.                               |
| <b>Eye contact:</b>        | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.              |
| <b>Ingestion:</b>          | Get immediate medical attention. Do not induce vomiting.  |
| <b>Symptoms:</b>           | See Section 11.   |
| <b>Notes to physician:</b> | Treat symptomatically and supportively.   |

#### 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguishing media:</b>               | Use media appropriate for surrounding material.  |
| <b>Special firefighting procedures:</b>   | Wear full protective clothing. Wear self-contained breathing apparatus.  |
| <b>Unusual fire or explosion hazards:</b> | This product is an aqueous mixture and although it will exhibit a flash point, it will not support combustion. |
| <b>Hazardous combustion products:</b>     | 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.

|                                   |   |
|-----------------------------------|---|
| <b>Environmental precautions:</b> | Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up.   |
| <b>Clean-up methods:</b>          | 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

|                  |   |
|------------------|---|
| <b>Handling:</b> | Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing vapors or mists of this product. Provide adequate ventilation. Do not take internally. For industrial use only. |
| <b>Storage:</b>  | 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 |
|------------------------|-----------|----------|-----------|-------|
| Ammonium bicarbonate   | None      | None     | None      | None  |

|                                |   |
|--------------------------------|---|
| <b>Engineering controls:</b>   | Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.   |
| <b>Respiratory protection:</b> | If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1901.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit-testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage, must be implemented. If concentrations are below the TLV and/or PEL, a NIOSH approved disposable dust/mist respirator may be used for personal comfort. For concentrations above the TLV and/or PEL but less than 10 times these limits, a NIOSH approved half-face piece respirator equipped with dust-mist cartridges may be used. For concentrations greater than 10 times the TLV and/or PEL, consult the NIOSH respirator decision logic found in Publication No.87-116 or ANSI Z88.2-1992. Note: ANSI Z88.2-1992 requires the use of a HEPA filter if the particle size distribution of the contaminant is unknown. WARNING! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. |
| <b>Eye/face protection:</b>    | Wear chemical goggles; face shield (if splashing is possible).  |
| <b>Skin protection:</b>        | Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Suitable glove materials may include: Nitrile gloves. Neoprene gloves.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                      |
|---|----------------------|
| <b>Physical state:</b>                          | Liquid               |
| <b>Color:</b>                                   | Colorless            |
| <b>Odor:</b>                                    | Ammonia              |
| <b>Odor threshold:</b>                          | Not available.       |
| <b>pH:</b>                                      | 8.0                  |
| <b>Vapor pressure:</b>                          | Not determined       |
| <b>Boiling point/range:</b>                     | > 210 °F (> 98.9 °C) |
| <b>Melting point/ range:</b>                    | Not available.       |
| <b>Specific gravity:</b>                        | 1.0 - 1.1            |
| <b>Vapor density:</b>                           | Not determined       |
| <b>Flash point:</b>                             | Not applicable       |
| <b>Flammable/Explosive limits - lower:</b>      | Not applicable       |
| <b>Flammable/Explosive limits - upper:</b>      | Not applicable       |
| <b>Autoignition temperature:</b>                | Not applicable       |
| <b>Evaporation rate:</b>                        | Not determined       |
| <b>Solubility in water:</b>                     | Complete             |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.       |
| <b>VOC content:</b>                             | 0 % (calculated)     |
| <b>Viscosity:</b>                               | Not available.       |
| <b>Decomposition temperature:</b>               | Not available.       |

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Stability:</b>                        | Stable at normal conditions.  |
| <b>Hazardous reactions:</b>              | Will not occur.   |
| <b>Hazardous decomposition products:</b> | Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons. |
| <b>Incompatible materials:</b>           | This product reacts with acids.   |
| <b>Reactivity:</b>                       | Not available.  |
| <b>Conditions to avoid:</b>              | Store away from incompatible materials.   |

## 11. TOXICOLOGICAL INFORMATION

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

### Potential Health Effects/Symptoms

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Inhalation of vapors or mists of the product may be irritating to the respiratory system.                        |
| <b>Skin contact:</b> | Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.                        |
| <b>Eye contact:</b>  | This product may cause irritation to the eyes.   |
| <b>Ingestion:</b>    | Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects   |
|------------------------|-----------------|--|
| Ammonium bicarbonate   | None            | Central nervous system, Corrosive, Endocrine, Irritant, Kidney, Liver, Lung, Respiratory |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|------------------------|----------------|-----------------|--|
| Ammonium bicarbonate   | No             | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

|  |  |
|--|--|
| <b>Recommended method of disposal:</b> | Dispose of according to Federal, State and local governmental regulations.                 |
| <b>Hazardous waste number:</b>         | Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. |

## 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)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | 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**

|   |   |
|---|---|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.   |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis   |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimis   |
| <b>CERCLA/SARA Section 311/312:</b>     | Immediate Health  |
| <b>CERCLA/SARA Section 313:</b>         | 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). Ammonium bicarbonate (CAS# 1066-33-7). |
| <b>California Proposition 65:</b>       | No California Proposition 65 listed chemicals are known to be present.  |

**Canada Regulatory Information**

|                             |   |
|-----------------------------|---|
| <b>CEPA DSL/NDL Status:</b> | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
|-----------------------------|---|

**16. OTHER INFORMATION**

**This safety data sheet contains changes from the previous version in sections:** Updated Contact Information in Section 1.

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