



Revision Number: 007.2

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** BONDERITE C-IC SCALEGON 5 AERO IDH number: 596821  
 ACID CLEANER known as TURCO  
 SCALE GON 5  
**Product type:** Cleaner  
**Restriction of Use:** None identified  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067  
**Region:** United States  
**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.henkelna.com

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**DANGER:** CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

| HAZARD CLASS       | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN CORROSION     | 1B              |
| SERIOUS EYE DAMAGE | 1               |

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:** Wash affected area thoroughly after handling. Wear protective gloves, clothing, eye and face protection.  
**Response:** 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.  
**Storage:** Store locked up.  
**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

8 % of the mixture consists of ingredient(s) of unknown acute toxicity.

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

IDH number: 596821

Product name: BONDERITE C-IC SCALEGON 5 AERO ACID CLEANER known as TURCO SCALE GON 5

| Hazardous Component(s)    | CAS Number | Percentage* |
|---------------------------|------------|-------------|
| Glycolic acid             | 79-14-1    | 5 - 10      |
| Ammonium citrate, dibasic | 3012-65-5  | 5 - 10      |
| Ammonium sulphate         | 7783-20-2  | 1 - 5       |

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

## 4. FIRST AID MEASURES

|                            |                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>         | If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms develop and persist, get medical attention. |
| <b>Skin contact:</b>       | For skin contact flush with large amounts of water. Obtain medical attention if irritation persists.                                             |
| <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> | No information available.                                                                                                                        |

## 5. FIRE FIGHTING MEASURES

|                                           |                                                                                                                |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.                                                       |
| <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> | Dike the spilled material, where this is possible.                                         |
| <b>Clean-up methods:</b>          | Absorb spill with inert material. Shovel material into appropriate container for disposal. |

## 7. HANDLING AND STORAGE

|                  |                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing mists or aerosols of this product. |
| <b>Storage:</b>  | Keep the container tightly closed and in a cool, well-ventilated place.                                                        |

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 |
|---------------------------|-----------|----------|-----------|-------|
| Glycolic acid             | None      | None     | None      | None  |
| Ammonium citrate, dibasic | None      | None     | None      | None  |
| Ammonium sulphate         | None      | 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:

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:                                   | Yellow             |
| Odor:                                    | ammoniacal         |
| Odor threshold:                          | Not available.     |
| pH:                                      | 4.6                |
| Vapor pressure:                          | Not determined     |
| Boiling point/range:                     | > 212 °F (> 100°C) |
| Melting point/range:                     | Not available.     |
| Specific gravity:                        | 1.09 - 1.13        |
| Vapor density:                           | Not available.     |
| Flash point:                             | > 100 °C (> 212°F) |
| Flammable/Explosive limits - lower:      | Not applicable     |
| Flammable/Explosive limits - upper:      | Not applicable     |
| Autoignition temperature:                | Not applicable     |
| Flammability:                            | Not applicable     |
| Evaporation rate:                        | Not available.     |
| Solubility in water:                     | Complete           |
| Partition coefficient (n-octanol/water): | Not available.     |
| VOC content:                             | 8 % (calculated)   |
| Viscosity:                               | Not available.     |
| Decomposition temperature:               | Not available.     |

## 10. STABILITY AND REACTIVITY

|                                   |                                                                                                                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability:                        | Stable at normal conditions.                                                                                                                                                                   |
| Hazardous reactions:              | None expected.                                                                                                                                                                                 |
| Hazardous decomposition products: | Upon decomposition, product emits acrid dense smoke with carbon dioxide, carbon monoxide, trace oxides of nitrogen and sulfur, and water.                                                      |
| Incompatible materials:           | This product may react with strong acids or oxidizing agents. This product may react with strong alkalies. Nitrites may react with organic amines to form nitrosamines which can cause cancer. |
| Reactivity:                       | Not available.                                                                                                                                                                                 |
| Conditions to avoid:              | Store away from incompatible materials.                                                                                                                                                        |

## 11. TOXICOLOGICAL INFORMATION

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

### Potential Health Effects/Symptoms

**Inhalation:** This product is irritating to the respiratory system.  
**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:** Not expected under normal conditions of use. Irritation and corrosive action can occur in the mouth, stomach tissue and digestive tract if swallowed.

| Hazardous Component(s)    | LD50s and LC50s                                                        | Immediate and Delayed Health Effects                                                     |
|---------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Glycolic acid             | Oral LD50 (Rat) = 1,950 mg/kg<br>Inhalation LC50 (Rat, 4 h) = 7.7 mg/l | Corrosive, Irritant, Kidney, Metabolic, Respiratory                                      |
| Ammonium citrate, dibasic | None                                                                   | Central nervous system, Corrosive, Endocrine, Irritant, Kidney, Liver, Lung, Respiratory |
| Ammonium sulphate         | None                                                                   | Irritant                                                                                 |

| Hazardous Component(s)    | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---------------------------|----------------|-----------------|------------------------------------------|
| Glycolic acid             | No             | No              | No                                       |
| Ammonium citrate, dibasic | No             | No              | No                                       |
| Ammonium sulphate         | No             | No              | No                                       |

## 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

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:** 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**

|                                         |                                                                                                                                                                                                                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 sulphate (CAS# 7783-20-2). Ammonium citrate, dibasic (CAS# 3012-65-5). |
| <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: 8, 11

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 01/23/2018

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