



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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Unibond AERO 360° Tablet Neutral

SDS No. : 447825  
V001.3

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Unibond AERO 360° Tablet Neutral

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:

Air dryer

#### 1.3. Details of the supplier of the safety data sheet

Henkel Ltd

Adhesives

Wood Lane End

HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

ua-productsafety.uk@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

#### 1.4. Emergency telephone number

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: [technical.services@henkel.co.uk](mailto:technical.services@henkel.co.uk)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

Serious eye irritation

H319 Causes serious eye irritation.

Category 2

#### 2.2. Label elements

##### Label elements (CLP):

##### Hazard pictogram:



##### Signal word:

Warning

**Hazard statement:** H319 Causes serious eye irritation.

**Precautionary statement:** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

None if used properly.  
Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

**Following substances are present in a concentration  $\geq 0,1\%$  and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):**

This mixture does not contain any substances in concentration  $\geq$  the concentration limit that are assessed to be a PBT, vPvB or ED.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No.<br>EC Number<br>REACH-Reg No.   | Concentration | Classification     | Specific Conc. Limits, M-factors and ATEs | Add. Information |
|-----------------------------------------------------------------|---------------|--------------------|-------------------------------------------|------------------|
| calcium chloride<br>10043-52-4<br>233-140-8<br>01-2119494219-28 | 60- < 100 %   | Eye Irrit. 2, H319 |                                           |                  |

**For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.**

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information:  
In case of adverse health effects seek medical advice.

Inhalation:  
Move to fresh air, consult doctor if complaint persists.

Skin contact:  
Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

Eye contact:  
Immediately flush eyes with soft jet of water or eye rinse solution for at least 5 minutes. If pains remain (intensive smarting, sensitivity to light, visual disturbance) continue flushing and contact/seek doctor or hospital.

Ingestion:  
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**

Causes serious eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

See section: Description of first aid measures

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

**5.2. Special hazards arising from the substance or mixture**

In the event of fire, chlorine gas may be formed.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus.

Wear protective equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.

Avoid dust formation.

Avoid contact with skin and eyes.

**6.2. Environmental precautions**

Not needed.

**6.3. Methods and material for containment and cleaning up**

Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Open and handle container with care.

Avoid skin and eye contact.

**Hygiene measures:**

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool, dry place.

Avoid strictly temperatures below 0 °C and above + 50 °C.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Air dryer

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Great Britain

None

#### Occupational Exposure Limits

Valid for  
Ireland

None

#### Derived No-Effect Level (DNEL):

| Name on list                   | Application Area   | Route of Exposure | Health Effect                             | Exposure Time | Value                 | Remarks |
|--------------------------------|--------------------|-------------------|-------------------------------------------|---------------|-----------------------|---------|
| Calcium chloride<br>10043-52-4 | Workers            | inhalation        | Acute/short term exposure - local effects |               | 10 mg/m <sup>3</sup>  |         |
| Calcium chloride<br>10043-52-4 | Workers            | inhalation        | Long term exposure - local effects        |               | 5 mg/m <sup>3</sup>   |         |
| Calcium chloride<br>10043-52-4 | General population | inhalation        | Long term exposure - local effects        |               | 2,5 mg/m <sup>3</sup> |         |
| Calcium chloride<br>10043-52-4 | General population | inhalation        | Acute/short term exposure - local effects |               | 5 mg/m <sup>3</sup>   |         |

#### Biological Exposure Indices:

None

### 8.2. Exposure controls:

Respiratory protection:  
Not needed.

Hand protection:

In the case of longer contact protective gloves made from nitrile rubber are recommended according to EN 374.

Perforation time > 480 minutes

material thickness > 0.1 mm

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Goggles which can be tightly sealed.

Protective eye equipment should conform to EN166.

Skin protection:

Suitable protective clothing

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.

Personal protective equipment should conform to the relevant EN standard.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                         |                                          |
|---------------------------------------------------------|------------------------------------------|
| Physical state                                          | solid                                    |
| Delivery form                                           | tablet                                   |
| Colour                                                  | blue                                     |
| Odor                                                    | specific                                 |
| Melting point                                           | 772 °C (1421.6 °F)                       |
| Solidification temperature                              | Not applicable, Product is a solid.      |
| Initial boiling point                                   | > 1.600 °C (> 2912 °F)                   |
| Flammability                                            | The product is not flammable.            |
| Explosive limits                                        | Not applicable, Product is a solid.      |
| Flash point                                             | Not applicable, Product is a solid.      |
| Auto-ignition temperature                               | Not applicable, Product is a solid.      |
| Decomposition temperature                               | 176 °C (348.8 °F);                       |
| pH                                                      | 8 - 10                                   |
| (20 °C (68 °F); Conc.: 40 % product;<br>Solvent: Water) |                                          |
| Viscosity (kinematic)                                   | Not applicable, Product is a solid.      |
| Solubility (qualitative)                                | Soluble                                  |
| (23 °C (73.4 °F); Solvent: Water)                       |                                          |
| Partition coefficient: n-octanol/water                  | Not applicable                           |
|                                                         | Mixture                                  |
| Vapour pressure                                         | < 0,1 hPa                                |
| (20 °C (68 °F))                                         |                                          |
| Density                                                 | 2,15 g/cm <sup>3</sup>                   |
| (20 °C (68 °F))                                         |                                          |
| Bulk density                                            | Not applicable, The product is a tablet. |
| Relative vapour density:                                | Not applicable, Product is a solid.      |
| Particle characteristics                                | Not applicable                           |
|                                                         | Product is not powder.                   |

### 9.2. Other information

Other information not applicable for this product

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

At temperatures more than 770 °C, causes decomposition and chlorine evolution.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

None if used for intended purpose.

### 10.5. Incompatible materials

See section reactivity.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value       | Species | Method                                   |
|---------------------------------|---------------|-------------|---------|------------------------------------------|
| calcium chloride<br>10043-52-4  | LD50          | 2.301 mg/kg | rat     | OECD Guideline 401 (Acute Oral Toxicity) |

#### Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value         | Species | Method        |
|---------------------------------|---------------|---------------|---------|---------------|
| calcium chloride<br>10043-52-4  | LD50          | > 5.000 mg/kg | rabbit  | not specified |

#### Acute inhalative toxicity:

No data available.

#### Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result         | Exposure<br>time | Species | Method                                                   |
|---------------------------------|----------------|------------------|---------|----------------------------------------------------------|
| calcium chloride<br>10043-52-4  | not irritating |                  | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

#### Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result                   | Exposure<br>time | Species | Method                                                |
|---------------------------------|--------------------------|------------------|---------|-------------------------------------------------------|
| calcium chloride<br>10043-52-4  | moderately<br>irritating |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

#### Respiratory or skin sensitization:

No data available.

#### Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result   | Type of study /<br>Route of<br>administration          | Metabolic<br>activation /<br>Exposure time | Species | Method                                                                   |
|---------------------------------|----------|--------------------------------------------------------|--------------------------------------------|---------|--------------------------------------------------------------------------|
| calcium chloride<br>10043-52-4  | negative | bacterial reverse<br>mutation assay (e.g<br>Ames test) | with and without                           |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)              |
| calcium chloride<br>10043-52-4  | negative | in vitro mammalian<br>chromosome<br>aberration test    | with and without                           |         | OECD Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test) |

#### Carcinogenicity

No data available.

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

No data available.

**STOT-repeated exposure::**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result / Value      | Route of<br>application | Exposure time /<br>Frequency of<br>treatment | Species | Method        |
|---------------------------------|---------------------|-------------------------|----------------------------------------------|---------|---------------|
| calcium chloride<br>10043-52-4  | NOAEL > 1.000 mg/kg | oral: feed              | 12 w<br>daily                                | rat     | not specified |

**Aspiration hazard:**

No data available.

**11.2 Information on other hazards**

not applicable

**SECTION 12: Ecological information****12.1. Toxicity****Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value         | Exposure time | Species          | Method                                            |
|---------------------------------|---------------|---------------|---------------|------------------|---------------------------------------------------|
| calcium chloride<br>10043-52-4  | LC50          | > 10.000 mg/l | 96 h          | Gambusia affinis | OECD Guideline 203 (Fish,<br>Acute Toxicity Test) |

**Toxicity (Daphnia):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value      | Exposure time | Species       | Method                                                           |
|---------------------------------|---------------|------------|---------------|---------------|------------------------------------------------------------------|
| calcium chloride<br>10043-52-4  | EC50          | 3.005 mg/l | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |

**Chronic toxicity to aquatic invertebrates**

No data available.

**Toxicity (Algae):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value      | Exposure time | Species             | Method                                               |
|---------------------------------|---------------|------------|---------------|---------------------|------------------------------------------------------|
| calcium chloride<br>10043-52-4  | EC50          | 3.130 mg/l | 96 h          | Nitscheria linearis | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |

#### Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value        | Exposure time | Species | Method                                                                   |
|---------------------------------|---------------|--------------|---------------|---------|--------------------------------------------------------------------------|
| calcium chloride<br>10043-52-4  | EC0           | > 2.500 mg/l |               |         | OECD Guideline 209<br>(Activated Sludge,<br>Respiration Inhibition Test) |

#### 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

| Hazardous substances<br>CAS-No. | PBT / vPvB                                                                                                            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| calcium chloride<br>10043-52-4  | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

#### 12.6. Endocrine disrupting properties

not applicable

#### 12.7. Other adverse effects

No data available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

060314

**SECTION 14: Transport information****14.1. UN number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.2. UN proper shipping name**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.3. Transport hazard class(es)**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.4. Packing group**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.5. Environmental hazards**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.6. Special precautions for user**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**SECTION 15: Regulatory information**

No information available:

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

|                                                                 |                |
|-----------------------------------------------------------------|----------------|
| Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): | Not applicable |
| Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):     | Not applicable |
| Persistent organic pollutants (Regulation (EU) 2019/1021):      | Not applicable |

**15.2. Chemical safety assessment**

A chemical safety assessment has been carried out.

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H319 Causes serious eye irritation.

|             |                                                                                                                   |
|-------------|-------------------------------------------------------------------------------------------------------------------|
| ED:         | Substance identified as having endocrine disrupting properties                                                    |
| EU OEL:     | Substance with a Union workplace exposure limit                                                                   |
| EU EXPLD 1: | Substance listed in Annex I, Reg (EC) No. 2019/1148                                                               |
| EU EXPLD 2  | Substance listed in Annex II, Reg (EC) No. 2019/1148                                                              |
| SVHC:       | Substance of very high concern (REACH Candidate List)                                                             |
| PBT:        | Substance fulfilling persistent, bioaccumulative and toxic criteria                                               |
| PBT/vPvB:   | Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria |
| vPvB:       | Substance fulfilling very persistent and very bioaccumulative criteria                                            |

**Further information:**

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**

**Annex - Exposure Scenarios:**

Exposure Scenarios for calcium chloride can be downloaded under the following link:  
<https://mysds.henkel.com/index.html#/appSelection>