



## SAFETY DATA SHEET TAMCEM 65P

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

#### 1.1. Product identifier

Product name TAMCEM 65P

Product number 100073600 - 40

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

Identified uses Superplasticiser for Microfine Cement Injection

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

Supplier NORMET UK LTD  
UNIT 5 WHEELER ROAD, SEVEN STARS INDUSTRIAL ESTATE, COVENTRY, CV3 4LB  
0333 2409966  
SDS@NORMET.COM

#### 1.4. Emergency telephone number

Emergency telephone +44 (0) 207 858 1228

### SECTION 2: Hazards identification

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

##### Classification

Physical hazards Not Classified

Health hazards Elicitation - EUH208

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements EUH208 Contains . May produce an allergic reaction.

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

|   |        |
|---|--------|
| SULPHONATED MELAMINE POLYCONDENSATE 40%<br>SOLUTION | 30-60% |
|---|--------|

CAS number: —

##### Classification

Not Classified

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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|                                   |  |
|-----------------------------------|--|
| <b>General information</b>        | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention. Treat symptomatically.   |
| <b>Inhalation</b>                 | IF INHALED: Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting.  |
| <b>Ingestion</b>                  | IF SWALLOWED: Get medical attention immediately. If throat irritation or coughing persists, proceed as follows. Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Stop if the affected person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. |
| <b>Skin contact</b>               | IF ON SKIN (or hair): Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing. Remove contaminated clothing.   |
| <b>Eye contact</b>                | IF IN EYES: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if irritation persists after washing.  |
| <b>Protection of first aiders</b> | First aid personnel should wear appropriate protective equipment during any rescue.  |

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

|                            |   |
|----------------------------|---|
| <b>General information</b> | Treat symptomatically. See Section 11 for additional information on health hazards.                           |
| <b>Inhalation</b>          | Irritating.   |
| <b>Ingestion</b>           | May cause stomach pain or vomiting. May cause irritation. Gastrointestinal symptoms, including upset stomach. |
| <b>Skin contact</b>        | May cause skin irritation.  |
| <b>Eye contact</b>         | Causes skin and eye irritation.   |

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
| <b>Specific treatments</b>  | Treat symptomatically. |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                     |   |
|-------------------------------------|---|
| <b>Suitable extinguishing media</b> | Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. |
|-------------------------------------|---|

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

|                                      |                               |
|--------------------------------------|-------------------------------|
| <b>Specific hazards</b>              | The product is not flammable. |
| <b>Hazardous combustion products</b> | None known.                   |

### 5.3. Advice for firefighters

|  |   |
|--|---|
| <b>Protective actions during firefighting</b>        | No action shall be taken without appropriate training or involving any personal risk. Stop leak if safe to do so. If leakage cannot be stopped, evacuate area. Move containers from fire area if it can be done without risk. |
| <b>Special protective equipment for firefighters</b> | Use air-supplied respirator, gloves and protective goggles.   |

## SECTION 6: Accidental release measures

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### 6.1. Personal precautions, protective equipment and emergency procedures

|                                    |   |
|------------------------------------|---|
| <b>Personal precautions</b>        | No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Follow precautions for safe handling described in this safety data sheet.   |
| <b>For non-emergency personnel</b> | No action shall be taken involving any personal risk or without suitable training. Evaluate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |

### 6.2. Environmental precautions

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. |
|----------------------------------|--|

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

|                                |  |
|--------------------------------|--|
| <b>Methods for cleaning up</b> | If leakage cannot be stopped, evacuate area. Move containers from spillage area. Large Spillages: Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Absorb small quantities with paper towels and evaporate in a safe place. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. |
|--------------------------------|--|

### 6.4. Reference to other sections

|                                    |   |
|------------------------------------|---|
| <b>Reference to other sections</b> | For personal protection, see Section 8. For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. |
|------------------------------------|---|

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

|   |   |
|---|---|
| <b>Usage precautions</b>                      | For professional users only. Do not handle until all safety precautions have been read and understood. Use only in well-ventilated areas. Protect from moisture. Keep container dry. Container must be kept tightly closed when not in use. Do not eat, drink or smoke when using this product. |
| <b>Advice on general occupational hygiene</b> | Do not eat, drink or smoke when using this product. Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.  |

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

|                            |   |
|----------------------------|---|
| <b>Storage precautions</b> | Store at temperatures between 4°C and 30°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not store near heat sources or expose to high temperatures. Store away from the following materials: Acids. Alkalis. |
| <b>Storage class</b>       | Chemical storage.   |

### 7.3. Specific end use(s)

|                            |   |
|----------------------------|---|
| <b>Specific end use(s)</b> | The identified uses for this product are detailed in Section 1.2. |
|----------------------------|---|

## **SECTION 8: Exposure Controls/personal protection**

### 8.1. Control parameters

#### Occupational exposure limits

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### SULPHONATED MELAMINE POLYCONDENSATE 40% SOLUTION

Long-term exposure limit (8-hour TWA): Formaldehyde 50-00-0, 8hr Time Weighted Average (TWA): 2.5 mg/m<sup>3</sup> 2 ppm, 2005-04-06

Short-term exposure limit (15-minute): Formaldehyde 50-00-0, STEL: 2.5 mg/m<sup>3</sup> 2 ppm, 2005-04-06

Other information on limit values: see chapter 16

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Personal protection

Use protective clothing, hand gloves and goggles.

#### Eye/face protection

Use safety glasses (with side shields). Safety glasses (with side shields) should be consistent with EN 166 or equivalent.

#### Hand protection

To protect hands from chemicals, gloves should comply with European Standard EN374. It is recommended that gloves are made of the following material: Nitrile rubber. Butyl rubber.

#### Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

#### Hygiene measures

Wash hands thoroughly after handling. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

#### Environmental exposure controls

Keep container tightly sealed when not in use.

## SECTION 9: Physical and Chemical Properties

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

|  |                                 |
|--|---------------------------------|
| Appearance                                   | Colourless liquid.              |
| Colour                                       | Dark brown.                     |
| Odour  | Characteristic.                 |
| Odour threshold                              | Not determined.                 |
| pH   | pH (concentrated solution): 8.5 |
| Melting point                                | Not applicable.                 |
| Initial boiling point and range              | Not determined.                 |
| Flash point                                  | Not applicable.                 |
| Evaporation rate                             | Not determined.                 |
| Evaporation factor                           | Not determined.                 |
| Flammability (solid, gas)                    | Not applicable.                 |
| Upper/lower flammability or explosive limits | Not applicable.                 |
| Other flammability                           | Not applicable.                 |

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|  |                                 |
|--|---------------------------------|
| Vapour pressure                          | Not determined.                 |
| Vapour density                           | Not determined.                 |
| Relative density                         | Not determined.                 |
| Bulk density                             | Not applicable.                 |
| Solubility(ies)                          | Not determined.                 |
| Partition coefficient                    | Not determined.                 |
| Auto-ignition temperature                | Not determined.                 |
| Decomposition Temperature                | Not determined.                 |
| Viscosity                                | Not determined.                 |
| Explosive properties                     | Not applicable.                 |
| Explosive under the influence of a flame | Not considered to be explosive. |
| Oxidising properties                     | Not applicable.                 |
| Density                                  | 1.22 g/cm <sup>3</sup>          |

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

|            |   |
|------------|---|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---|

##### 10.2. Chemical stability

|           |   |
|-----------|---|
| Stability | Stable at normal ambient temperatures and when used as recommended. |
|-----------|---|

##### 10.3. Possibility of hazardous reactions

|                                    |   |
|------------------------------------|---|
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
|------------------------------------|---|

##### 10.4. Conditions to avoid

|                     |   |
|---------------------|---|
| Conditions to avoid | Avoid exposure to high temperatures or direct sunlight. |
|---------------------|---|

##### 10.5. Incompatible materials

|                    |   |
|--------------------|---|
| Materials to avoid | Avoid contact with the following materials: Strong acids. Strong alkalis. |
|--------------------|---|

##### 10.6. Hazardous decomposition products

|                                  |             |
|----------------------------------|-------------|
| Hazardous decomposition products | None known. |
|----------------------------------|-------------|

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

|                       |                           |
|-----------------------|---------------------------|
| Toxicological effects | No information available. |
|-----------------------|---------------------------|

##### Skin corrosion/irritation

|             |                |
|-------------|----------------|
| Animal data | Not available. |
|-------------|----------------|

##### Serious eye damage/irritation

|                               |                |
|-------------------------------|----------------|
| Serious eye damage/irritation | Not available. |
|-------------------------------|----------------|

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### Respiratory sensitisation

**Respiratory sensitisation** Not available.

### Skin sensitisation

**Skin sensitisation** Not available.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Not available.

### Carcinogenicity

**Carcinogenicity** Not available.

### Reproductive toxicity

**Reproductive toxicity - fertility** Not available.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not available.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not available.

**Inhalation** May cause respiratory irritation.

**Skin contact** May cause skin irritation.

**Eye contact** May cause eye irritation.

## SECTION 12: Ecological Information

**Ecotoxicity** No information available.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste should be treated as controlled waste.

**Disposal methods** Dispose of contents/container in accordance with national regulations. Waste should be treated as controlled waste.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

## TAMCEM 65P

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## SECTION 15: Regulatory information

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

#### **National regulations**

Control of Substances Hazardous to Health Regulations 2002 (as amended).  
EH40/2005 Workplace exposure limits.  
Health and Safety at Work etc. Act 1974 (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

#### **EU legislation**

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.  
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).  
Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

#### **Guidance**

Isocyanates: Health hazards and precautionary measures EH16.  
Workplace Exposure Limits EH40.

#### **Restrictions (Title VIII Regulation 1907/2006)**

No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

#### **EU - EINECS/ELINCS**

All the ingredients are listed or exempt.

**TAMCEM 65P****SECTION 16: Other information**

|                                  |   |
|----------------------------------|---|
| <b>General information</b>       | Only trained personnel should use this material.    |
| <b>Revision date</b>             | 23/03/2016  |
| <b>Revision</b>                  | 1   |
| <b>SDS number</b>                | 4843  |
| <b>Hazard statements in full</b> | EUH208 Contains . May produce an allergic reaction. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.