



## MATERIAL SAFETY DATA SHEET

### 25% ZINC STEARATE DISPERSION

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

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| Product Name:  | 25% ZINC STEARATE DISPERSION   |
| Use of the substance/preparation tack/mould release agent. | Zinc stearate in an aqueous base. For use as an anti-  |
| Supplier   | Castle Chemicals Ltd, Peak House<br>6 Oxford Road, Altrincham, Cheshire WA14 2DY<br>Tel: +44 161 608 8800 Fax: +44 161 608 1910<br>Email: <a href="mailto:Info@castlechemicals.com">Info@castlechemicals.com</a> |

#### 2. HAZARD IDENTIFICATION

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|               |                         |
|---------------|-------------------------|
| Main hazards  | No significant hazard.  |
| Other hazards | No other major hazards. |

#### 3. COMPOSITION INFORMATION ON INGREDIENTS

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|-----------------------|--|
| Hazardous ingredients | SURFACTANT G 1-10%<br>[Xi] R38; [Xi] R41 |
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#### 4. FIRST AID MEASURES

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|--------------|---|
| Symptoms     |   |
| Skin contact | There may be mild irritation at the site of contact.  |
| Eye contact  | There may be irritation and redness.  |
| Ingestion    | Unlikely to be harmful by ingestion.  |
| Inhalation   | Slight irritant Inhalation of excessive quantities of mist may cause "metal fume fever" (headache, chills, fever, nausea, tiredness and muscle ache). Attack may last 6 - 24 hours. |
| Action       |   |
| Skin contact | If a person feels unwell after coming into contact with this dispersion then seek medical advice. Remove all contaminated clothes and footwear immediately unless stuck             |

|             |   |
|-------------|---|
|             | to skin.  |
| Eye contact | Bathe the eye with running water for 15 minutes. Consult a doctor.  |
| Ingestion   | Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately. Do not induce vomiting. |
| Inhalation  | Remove patient to fresh air. Treat symptomatically and seek medical advice.   |

## 5. FIREFIGHTING MEASURES

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|-----------------------------|--|
| Extinguishing media         | Water. Carbon dioxide. Dry chemical powder. Do not use water jet   |
| Exposure hazards            | Virtually non-flammable as supplied. Residue may support combustion. May be irritating on prolonged or repeated contact. |
| Protection of fire-fighters | Respiratory Protective Equipment (RPE) must be worn.   |

## 6. ACCIDENTAL RELEASE MEASURES

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|---------------------------|---|
| Personal precautions      | Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.   |
| Environmental precautions | Prevent contamination of drains/watercourses/vegetation. Advise police.   |
| Clean-up procedures       | Adsorb onto sand/earth/similar adsorbent material. Once clear, wash the spillage area clean with water and detergent. |

## 7. HANDLING AND STORAGE

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|-----------------------|---|
| Handling requirements | Ensure there is sufficient ventilation of the area. Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion. |
| Storage conditions    | Store in closed containers, well protected from frost. Stir well before use.  |
| Suitable packaging:   | Most packaging suitable, avoid mild-steel.  |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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|                        |   |
|------------------------|---|
| Engineering measures   | Ensure there is sufficient ventilation of the area.                             |
| Respiratory protection | Wear suitable respiratory protective equipment to prevent overexposure to mist. |
| Hand protection        | Protective gloves. Water repellent barrier cream                                |
| Eye protection         | Safety goggles. Ensure eye bath is to hand.                                     |
| Skin protection        | Wear suitable protective clothing. Water-repellent barrier cream.               |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                       |                      |
|-----------------------|----------------------|
| State                 | Liquid               |
| Colour                | White                |
| Odour                 | Characteristic odour |
| Evaporation rate      | Negligible           |
| Solubility in water   | Miscible             |
| Viscosity             | 100 - 500 cps.       |
| Boiling point/range°C | 100                  |
| Melting point/range°C | 0                    |
| Relative density      | 1.00 - 1.10          |
| pH                    | 7.0 - 10.0           |

## 10. STABILITY AND REACTIVITY

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|-----------------------|--|
| Stability             | Stable under normal conditions.  |
| Conditions to avoid   | Extremes of temperature. Protect from frost.   |
| Materials to avoid    | Strong acids. Strong bases. Strong oxidising agents.   |
| Haz. decomp. Products | The residue of this emulsion may liberate toxic fumes in combustion. In combustion emits mainly oxides of carbon |

## 11. TOXICOLOGICAL INFORMATION

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| Chronic toxicity   | Eyes skin, mouth and nose   |
| Routes of exposure | Slight irritant to eyes and skin. Excessive contact with skin may lead to de-fatting. |

## 12. ECOLOGICAL INFORMATION

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|                               |                      |
|-------------------------------|----------------------|
| Mobility                      | Miscible with water. |
| Persistence and degradability | No data available.   |
| Bioaccumulative potential     | No data available.   |
| Other adverse effects         | No data available.   |

## 13. DISPOSAL CONSIDERATIONS

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|                       |   |
|-----------------------|---|
| Disposal of packaging | Incinerate residues only in officially approved incinerator. Dispose of empty containers only on dumps designated for special waste or at an incineration plant for industrial waste. |
| NB                    | The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.   |

## 14. TRANSPORT INFORMATION

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|             |                        |
|-------------|------------------------|
| ADR / RID   | UN no: Not Classified. |
| IMDG / IMO  | UN no: Not Classified. |
| IATA / ICAO | UN no: Not Classified. |

## **15. REGULATORY INFORMATION**

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|                |  |
|----------------|--|
| Hazard symbols | No significant hazard.   |
| Note           | The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions. |

## **16. OTHER INFORMATION**

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|                          |   |
|--------------------------|---|
| Other information        | For use as an anti-tack/mould release agent   |
| Risk phrases used in s.3 | R38: Irritating to skin.<br>R41: Risk of serious damage to eyes.  |
| Legal disclaimer         | Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product. |

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