

# Material Safety Data Sheet



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

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**Product Name** : **FOSGEL**

**Application** : Absorption of excess water.

**Company** : Minova RSA

**Address** : P.O. Box 52, Isando, 1600.

**Telephone** : (011) 908-1980                      **Telefax** : (011) 864-4311

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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**Composition** : Cross linked polyacrylate absorbent.

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**Hazardous Ingredient** : Dust.

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## 3. HAZARDS IDENTIFICATION

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Most important hazards : Dust, forms slippery surface on wetting.

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## 4. FIRST AID MEASURES

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**Eyes** : Wash with plenty water for 15 minutes. If irritation persists, obtain medical attention.

**Inhalation** : Clear blocked airways and remove to fresh air, if recovery delayed, seek medical attention.

**Skin** : Wash with soap and water as a precaution.

**Ingestion** : Give plenty of water to drink, if large amounts are swallowed, seek medical advice.

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## 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media** : **Foam, dry powder, carbon dioxide.**

**Special Exposure Hazards** : **None.**

**Special Protective Equipment** : **Dust masks, gloves, safety goggles.**

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions** : **Use respiratory protection and protective clothing.**

**Environmental Precautions** : **Ensure adequate ventilation, do not flush into surface water or sanitary systems.**

**Decontamination Procedures** : **Use vacuum cleaner and avoid generation of dust. Sweep up and shovel into containers for disposal. Flush away traces with water.**

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**7. HANDLING AND STORAGE**

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**Handling** : Dust masks, gloves, safety goggles, do not eat, drink or smoke while handling. Launder contaminated clothing before re-use. Avoid creating dust.

**Storage** : Cool dry storage, with good ventilation, avoid damp, humid or wet conditions.

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**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

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**Occupational Exposure Limits** : EDANA industrial hygiene guideline is 0.05mg/m<sup>3</sup> respirable super absorbent dust.

**Personal Protective Equipment** : Dust masks, gloves, safety goggles to be worn.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Physical State** : White, granular solid

**Colour** : White

**Odour** : None

**Boiling Point/Range (°C)** : N/A

**Flash Point (closed, °C)** : N/A

**Autoflammability (°C)** : N/A

**Oxidising Properties** : N/A

**Vapour Pressure (kPa at 20°C)** : None

**Relative Density (at 20°C)** : Bulk density ± 700 kg/m<sup>3</sup>

**Water Solubility** : Not soluble

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**10. STABILITY AND REACTIVITY**

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**Stability** : Stable at ambient temperature.

**Conditions to avoid** : Avoid extremes of temperature and humid / wet conditions.

**Materials to avoid** : No special precautions other than good housekeeping of chemicals.

**Hazardous Decomposition Products** : No decomposition if stored normally, burning produces carbon dioxide.

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**11. TOXICOLOGICAL INFORMATION**

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The following toxicological assessment is based on a knowledge of the toxicity of the product's components.

**Health Effects**

**On Eyes** : Not a primary eye irritant.

**On Skin** : No evidence of skin irritation or sensitisation.

**By Inhalation** : NOEL of 0.5 mg/m<sup>3</sup> of micronised super absorbent dust.

**By Ingestion** : Non-toxic.

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**12. ECOLOGICAL INFORMATION**

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**Environmental Assessment** : **Non-toxic to aquatic life.**

**Mobility** : **Non-soluble.**

**Persistence and Degradability** : **Persistent, non-soluble, heat degradable.**

**Bioaccumulative Potential** : **None.**

**Ecotoxicity** : **Very low.**

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**13. DISPOSAL CONSIDERATIONS**

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**Disposal must be in accordance with local and national legislation.**

**Unused Product** : **Incinerate or landfill.**

**Used/Contaminated Product** : **Incinerate or landfill.**

**Packaging** : **Incinerate or landfill.**

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**14. TRANSPORT INFORMATION**

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No special requirements.

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**15. OTHER INFORMATION**

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Minova RSA is an ISO 9002 accredited company.

The data and advice given apply when the product is used for the stated application or applications. The product is not sold suitable for any other application. Use of the product for applications other than stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Minova RSA.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all the necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.