

MATERIAL SAFETY DATA SHEET.

1) IDENTIFICATION OF THE SUBSTANCE / AND THE COMPANY / UNDERTAKING.

Product Name: SMR 200

Chemical Family: Polydimethylsiloxane

Use: Industrial Lubrication.

Manufacturer / Supplier: Bradechem Limited.

Address: Unit 21 Phase 2 Murcar Commercial Park Denmore Road Aberdeen AB23 8JW

Telephone: 01224 822227 **Fax:** 01224 822207

Emergency Telephone: 01224 822227

2) COMPOSITION / INFORMATION OF INGREDIENTS.

| Hazardous Components | CAS No | Wt % |
|--|---------------|-------------|
| None of the components needs to be classified. | | |

3) HAZARD IDENTIFICATION.

MAIN HAZARDS ----- HEALTH EFFECTS

| | |
|------------|---|
| Eyes | May cause minor irritation and short term redness |
| Skin | Unlikely to cause irritation - possible to sensitive skin types |
| Inhalation | No Hazard |
| Ingestion | A large dose may be harmful |

4) FIRST AID MEASURES.

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|-----------|--|
| Eyes | Wash out all residual material with water. If irritation continues seek medical advice |
| Skin | Wash skin with soap and water. |
| Ingestion | Wash mouth out with water, Do not induce vomiting, seek medical advice. |

5) FIRE FIGHTING MEASURES.

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| Extinguishing Media | Extinguish with; Dry Powder, Foam, Sand or Earth. |
| UNSUITABLE Extinguishing media | Water Jet. |
| Protective equipment for Fire Fighting | Self contained breathing apparatus. |

6) ACCIDENTAL RELEASE MEASURES.

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| Personal Precautions | May cause slippery conditions underfoot. |
| Environmental Precautions | Do not allow to enter drains or watercourse. |
| Spillage | Apply suitable absorption media, scrape up in bulk then wipe up remainder with cloth |

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7) HANDLING AND STORAGE.

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|----------|---|
| Handling | Wear Gloves, care should be taken with dispensing equipment not to inject |
| Storage | Product under skin. Do not store at elevated temperatures. |

8) EXPOSURE CONTROL / PERSONAL PROTECTION.

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|------------------------|--|
| Hand Protection | PVC Gloves. |
| Eye Protection | Wear glasses if there is a risk of splashing |
| Body Protection | Normal work wear |
| Respiratory Protection | Adequate ventilation must be provided. |

9) PHYSICAL & CHEMICAL PROPERTIES.

| | |
|---------------------|---------------------------------------|
| Physical State | Liquid free from visible impurities |
| Colour | Colourless |
| Odour | Slight |
| Pour Point | < -40°C |
| Flash Point | In excess of 315°C |
| Flammability | Not flammable at ambient temperatures |
| Solubility in Water | Insoluble |

10) STABILITY & REACTIVITY.

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|-----------------------------------|---|
| Stability | Stable under normal conditions |
| Conditions to avoid | Powerful sources of ignition and extreme temperatures |
| Materials to avoid | Strong oxidising agents |
| Hazardous Decomposition Products: | None known. |

11) TOXICOLOGICAL INFORMATION.

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|------------------|---|
| Acute Toxicity | Not considered toxic under normal handling. |
| Chronic Toxicity | N / A |
| Genotoxicity | N / A |
| Irritancy – Skin | Possible very mild on sensitive skin types. Long-term exposure may cause Dermatitis and De-fatting of the skin. |

12) ECOLOGICAL INFORMATION.

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|-------------------------------------|---|
| Possible Effects | Not known. |
| Environmental Consequences absorbed | Unlikely to cause notable contamination, insoluble in water, poorly absorbed Into soils. |

13) DISPOSAL CONSIDERATIONS.

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|------------------|---|
| Product Disposal | Incineration or Landfill, dispose of in accordance with local regulations |
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14) TRANSPORT INFORMATION.

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|----------------------|--|
| For Road, Rail & Air | Not Classified (No special precautions or labelling necessary) |
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15) REGULATORY INFORMATION.

| | |
|-----------------------|-------|
| Labelling Information | N / A |
| Risk Phrases | None |
| Safety Phrases | None |

16) OTHER INFORMATION.

| | |
|---------------|--------|
| Date of Issue | 9.5.04 |
|---------------|--------|

DOCUMENT ENDS