



Brake Cleaner

1 - IDENTIFICATION OF THE PRODUCT AND COMPANY

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| PRODUCT NAME | Brake Cleaner |
| PRODUCT CODE | SH213 |
| APPLICATION | Aerosol Brake cleaner |
| SUPPLIER AND MANUFACTURER | Shield Chemicals (Pty) Ltd No. 9 London Road, Apex, Benoni Gauteng South Africa |
| CONTACT NUMBERS | T) +27-11-421-7111 F) +27-11-421-0475 |
| O/H 07h30 – 17h00 Monday – Friday | |
| WEB ADDRESS | www.shieldchem.co.za |
| E-MAIL ADDRESS | info@shieldchem.co.za |
| CONTACT PERSON | Mr. Riaan Engelbrecht |

2 - HAZARDS IDENTIFICATION

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| Highly Flammable |
| Toxic by inhalation or if swallowed |

3 - COMPOSITION/INFORMATION ON INGREDIENTS

| Name | CAS # | Amount |
|--------------------|----------|--------|
| Hexane | 110-54-3 | >10% |
| Heptane | 142-82-5 | >10% |
| Pentane | 109-66-0 | >10% |
| Butane | 106-97-8 | >10% |
| Iso Propyl Alcohol | 67-63-0 | >10% |
| UN No. | 1950 | |

4 - FIRST AID MEASURES

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| INHALATION | Remove victim from the source of exposure and seek medical attention immediately. |
| INGESTION | NEVER INDUCE VOMITTING. Seek medical attention immediately. |
| SKIN CONTACT | Wash thoroughly with water. Remove contaminated clothing. If irritation persists, seek medical attention. |
| EYE CONTACT | Make sure to remove any contact lenses from the eyes before rinsing. Rinse thoroughly with plenty of water for 15 minutes and seek medical attention immediately. |

5 - FIRE-FIGHTING MEASURES

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| CLASSIFICATION | Highly Flammable |
| EXTINGUISHING MEDIA | Use Foam, Carbon dioxide (CO ₂) or dry powder extinguishers. |
| EXPOSURE HAZARDS | Combustion may evolve hazardous gasses. |
| PROTECTIVE EQUIPMENT | Fire fighters should wear self-contained breathing apparatus and suitable personal protective equipment. |

6 - ACCIDENTAL RELEASE MEASURES

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| Method of disposal | Absorb onto dry sand if possible, and dispose of safely as commercial waste. Rinse residues thoroughly with water. |
| Personal Protection | Wear gloves, goggles and respiratory protection. |

7 - HANDLING AND STORAGE

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| HANDLING | Do not inhale vapour and do not ingest Do not add any other substances to this product. |
| STORAGE | Store upright in original closed containers. Keep away from heat or |

sources of ignition. Keep away from oxidizing or flammable materials.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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| EYE PROTECTION | When handling this product wear suitable eye/face protection. |
| HAND PROTECTION | For prolonged use, make use of gloves that are resistant to solvents. |
| SKIN PROTECTION | Protective overalls may be worn. |
| INHALATION | Personal protective equipment should only be considered where ventilation is very poor, or in the case of an accident. |
| HYGIENE MEASURES | DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. |



9 - PHYSICAL AND CHEMICAL PROPERTIES

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|-------------------------|-----------------|
| APPEARANCE | Liquid |
| COLOUR | Clear |
| ODOUR | As per standard |
| RELATIVE DENSITY @ 25°C | 0.687 (typical) |

10 - STABILITY AND REACTIVITY

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| STABILITY | Keep away from heat |
| MATERIALS TO AVOID | Prevent contamination of the solution with any flammable or oxidizing materials. |
| HAZARDOUS DECOMPOSITION PRODUCTS | There are no hazardous decomposition products. |

11 - TOXICOLOGICAL INFORMATION

May cause adverse affects in the aquatic environment.

12 - ECOLOGICAL INFORMATION

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| ECOTOXICITY | This product may be hazardous to the environment. Avoid contamination of natural land and aquatic systems. |
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13 - DISPOSAL CONSIDERATIONS

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| DISPOSAL METHODS | Do not pour down waste water drains. Absorb onto dry sand or other absorber, and dispose of safely as commercial waste. Rinse contaminated area with plenty of water |
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14 - TRANSPORT INFORMATION

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|------------------------------|--|
| UN NUMBER | 1950 |
| PROPER SHIPPING NAME | Aerosols, flammable |
| TRANSPORT HAZARD CLASS | Class 2.1 |
| PACKING GROUP | - |
| ENVIRONMENTAL HAZARDS | This is an environmentally hazardous substance |
| SPECIAL PRECAUTIONS FOR USER | None Additional |

15 - REGULATORY INFORMATION

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| Hazard Symbols | T | Toxic by inhalation or if swallowed |
| Risk Phases | R11 | Highly flammable. |
| | R23 | Toxic by inhalation |
| | R25 | Toxic if swallowed |
| | R48 | Risk of serious damage to health by prolonged exposure |
| Safety Phrases | S16 | Keep away from source of ignition |
| | S39 | Wear eye/face protection |
| | S44 | If you feel unwell, seek medical attention immediately, and show this document |
| | S62 | If swallowed, do not induce vomiting; seek medical advice and show container or label. |



16 - OTHER INFORMATION

This materials safety data sheet has been compiled according to SABS 1104-1 and SABS 0265, and provides the best advice under

our current state of knowledge. The user is ultimately responsible for ensuring that the requirements of the relevant legislation are complied with.

DISCLAIMER: 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.