



MATERIAL SAFETY DATA SHEET

BENDIX BRAKE & PARTS CLEANER

Hazardous according to criteria of Worksafe Australia

FMP Group (Australia) Pty. Ltd.
Elizabeth Street
Ballarat
Phone 03 5327 0211

IDENTIFICATION

| | |
|-----------------------------|------------------------------|
| Shipping Name | Bendix Brake & Parts Cleaner |
| Product Use | Brake Cleaner |
| UN Number | 3295 |
| Dangerous Good Class | 3 |
| Poisons Schedule | S5 |
| Packing Group | II |
| Subsidiary Risk | Not applicable |
| HAZCHEM Code | 3WE |

PHYSICAL DESCRIPTION / PROPERTIES

| | |
|--------------------------------|--------------------------------|
| Appearance | Colourless, transparent liquid |
| Boiling Point | >35°C |
| Melting Point | Not established |
| Vapour Pressure | Not established |
| Specific Gravity (kg/l) | opp. 0.71 |
| Flash Point | <23°C |
| Percent Volatiles | 99.95% |
| Solubility in Water | Negligible |
| pH | Not applicable |

REACTIVITY DATA

| | |
|---|--|
| Stability | Stable |
| Conditions to Avoid | Heat, sparks, flame and build up of static electricity |
| Materials to Avoid | Strong oxidizers |
| Hazardous Decomposition Products | Carbon monoxide |
| Hazardous Polymerisation | Will not occur |

ACTIVE INGREDIENTS

| CHEMICAL | CAS# | UN# | Proportion (w/w%) | Worksafe Australia Exposure Std 8hr TWA |
|------------------------------------|----------------|-----|-------------------|---|
| Petroleum hydrocarbon | 64742 – 89 – 8 | | >60 | |
| Aliphatic alcohol | 67 – 63 – 0 | | 10 – 30 | |
| Critical non-hazardous ingredients | | | Balance to 100% | |

Note – the product may contain impurities

| | |
|-----------|-----------|
| - Benzene | <0.1% w/w |
| n-hexane | <5% w/w |

HEALTH HAZARD DATA – ACUTE

| | |
|------------------------------------|---|
| LD50 – LC50 Mixture | Not established |
| Route of Entry – Ingestion | May cause discomfort if swallowed, and if aspirated into lungs severe chemical pneumonitis can result |
| Route of Entry – Skin | Prolonged, repeated skin contact may affect the skin resulting in possible irritation and dermatitis |
| Route of Entry – Eye | May be moderately irritating |
| Route of Entry – Inhalation | Harmful |

EMERGENCY / FIRST AID PROCEDURES

| | |
|-------------------------|--|
| Inhalation | Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance |
| Eye | Flush thoroughly with water for at least 15 minutes. If irritation persists, call a doctor |
| Skin | Wash contact areas with water. Remove contaminated clothing. Launder contaminated clothing before re-use |
| Ingestion | DO NOT INDUCE VOMITING. Give 1 to 2 glasses of water. Obtain medical attention |
| Advice to Doctor | Material if aspirated into lungs may cause chemical pneumonitis. Treat symptomatically |

PRECAUTIONS FOR SAFE HANDLING AND USE

| | |
|---------------------------|---|
| Exposure Standards | Worksafe Australia recommends an exposure standard of 50 ppm for n-hexane |
| Ventilation | Use in well ventilated areas |
| Flammability | Flammable |

CONTROL MEASURES

| | |
|----------------------------|---|
| Personal Protection | Normal industrial protection practices should be employed |
|----------------------------|---|

STORAGE AND TRANSPORT

UN No 3295 DG Class 3 HAZCHEM Code 3WE
 Packaging Group II Shipping Name; Hydrocarbon, Liquid NOS
 Store in a cool area away from all ignition sources. Avoid Sparking conditions

SPILLS AND DISPOSAL

Contain and absorb on fire retardant substance. Shovel up and dispose of at an appropriate licensed waste disposal site. Prevent from entering waterways

FIRE AND EXPLOSION HAZARD

Highly flammable. Vapour accumulation could flash and/or explode if in contact with open flame

EXTINGUISHING MEDIA

Foam, dry chemical, CO₂ and water fog. Use water to cool fire exposed containers

LABEL DATA

| | | |
|-----------------------|------------|--|
| RISK PHRASES | R65 | Harmful – may cause lung damage if swallowed |
| | R36 | Irritating to eyes |
| SAFETY PHRASES | S2 | Keep out of reach of children |
| | S3 | Keep in cool place |
| | S9 | Keep container in well ventilated place |
| | S15 | Keep away from heat |
| | S16 | Keep away from sources of ignition |
| | S23 | Do not breathe vapour |
| | S24 | Avoid contact with skin |
| | S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice |
| | S40 | Avoid contact with eyes |
| | S46 | If swallowed, seek medical advice immediately and show this container or label |
| | S51 | Use only in well ventilated areas |

CONTACT POINT

Occupational Health and Safety Manager Phone 03 5327 0211
Product Development Manager Phone 03 5327 0211

DISCLAIMER

While every effort has been made to ensure the accuracy of the information, the information is based on data believed by FMP Group (Australia) Pty. Ltd. To be accurate at the time of writing this Mater Safety Data Sheet, but is subject to change without notice. Exact formulations are propriety and therefore confidential. Precise product composition will not be disclosed except as in accordance with relevant laws and regulations. The information is given in good faith but FMP Group (Australia) Pty. Ltd. gives no warranty, expressed or implied of any kind whatsoever as to its accuracy, completeness or otherwise.

Under no circumstances shall FMP Group (Australia) Pty. Ltd. be responsible for damages of any nature, directly or indirectly arising out of materials referred to, or the publication use or reliance upon the data provided.