



SAFETY DATA SHEET

| 1. IDENTIFICATION | |
|-------------------|--|
| Product Name: | Bendix Clean Up - Brake and Parts Cleaner (20L) |
| Recommended Use: | Automotive Brake and Metal Parts Cleaner |
| Supplier: | FMP Group (Australia) Pty. Ltd |
| ABN: | 14 004 332 496 |
| Street Address: | Elizabeth Street Ballarat, Victoria 3350 Australia |
| Telephone: | 1300 737 162 |
| Facsimile: | +61 35336 1274 |
| Emergency: | +61 35327 0211 |

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Classified according to GHS and Safe Work Australia criteria

LABEL ELEMENTS

Signal Word:

DANGER

Hazard Symbol (s):



Flammable



Health Hazard



Exclamation Mark

Hazard Statement (s):

H225 Highly flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H319 Causes serious eye irritation
H336 May cause dizziness or drowsiness
H340 May cause genetic defects
H350 May cause cancer
H372 Causes damage to organs through prolonged or repeated exposure

Precautionary Statements:

| | | |
|------------|--|--|
| General | P101 P102 P103 | If medical advice is needed, have product container or label at hand Keep out of reach of children Read Label before use |
| Prevention | P201 P202 P210 P233 P240 P241 P242 P243 P260 P264 P270 P271 P281 P285 | Obtain special instructions before use Do not handle until all safety precautions have been read and understood Keep away from heat/spark/open flames/ hot surfaces. No smoking Keep container tightly closed Ground / bond container and receiving equipment Use explosion-proof electrical, ventilating, lighting and all other equipment Use only non-sparking tools Take precautionary measures against static discharge Do not breathe dust/fumes/gas/mist/vapours/spray Wash hands, face and all exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area Use personal protective equipment as required In case of inadequate ventilation wear respiratory protection |
| Response | P301 + P310 P302 + P352 P303 + P361 + P353 P304 + P340 | If SWALLOWED: Immediately call a Poison Centre / Physician / Doctor IF ON SKIN. Wash with plenty of soap and water. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower IF INHALED. Remove victim to fresh air and keep at rest in a position comfortable for breathing |



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| | P305 + P351 + P338 P308 + P313 P331 P332 + P313 P337 + P313 P362 P370 + P378 | IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If exposed or concerned. Get medical attention. Do not induce vomiting If skin irritation or rash occurs. Get medical advice / attention If eye irritation persists. Get medical advice / attention Take off contaminated clothing and wash before reuse IN CASE OF FIRE: Use alcohol resistant foam, standard foam or dry agent for extinction |
| Storage | P403 + P233 P403 _ P235 P405 | Store in a well-ventilated place. Keep container tightly closed Store in a well-ventilated place. Keep cool Store locked up |
| Disposal | P501 | Dispose of contents to hazardous waste collection point |

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | CAS number | Classification for ingredients | Proportion % |
|---|------------|---|--------------|
| Solvent naphtha, petroleum, light aliphatic | 64742-89-8 | Aspiration Hazard CAT 1 Carcinogen CAT 1A Germ Cell Mutagenicity CAT 1B Eye Irritation CAT 2A Skin Irritation CAT 2 STOT RE CAT 1 STOT SE CAT 3 | >60 |
| Ethyl alcohol | 64-17-5 | Flammable Liquid CAT 2 Eye Irritation CAT 2A | 30-60 |
| Ingredients determined to be non-hazardous | | | to 100% |
| Total | | | 100% |

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre

Australia 131 126 New Zealand 0800 764 766

| | |
|--------------------|---|
| Inhalation | Remove victim from exposure source. Remove contaminated clothing and loosen remaining clothing. Seek immediate medical advice if effects persist. |
| Skin Contact | If skin or hair contact occurs, remove contaminated clothing and footwear. Flush skin and hair with running water and mild soap. If swelling, redness, blistering or irritation occurs seek medical assistance. |
| Eye Contact | If in eyes wash out immediately with plenty of water, also under eyelids, for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice. |
| Ingestion | Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. Seek immediate medical advice. |
| Notes to Physician | Treat Symptomatically |



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5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Equipment | If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder). |
| Specific Hazards Arising from the Chemical / Mixture | Extremely Flammable Liquid May form flammable vapour mixtures with air. May emit toxic fumes upon burning. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke. |
| Special Protective Equipment and Precautions for Fire Fighters | Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. |
| HAZCHEM Code | 3YE |

6. ACCIDENTAL RELEASE MEASURES

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|---|--|
| Personal Precautions, Protective Equipment and Emergency Procedures | <ul style="list-style-type: none"> • Clear area of all unprotected personnel • Wear protective equipment to prevent skin and eye contamination and inhalation of gas • Avoid inhalation of gas. / vapours • Remove all ignition sources • Provide sufficient ventilation • Slippery when spilt |
| Environmental Precautions | <ul style="list-style-type: none"> • Prevent product from entering sewers or waterways • If contamination of sewers or waterways has occurred advise local emergency services. |
| Methods and Materials for Containment and Cleaning up | <ul style="list-style-type: none"> • Clear area of all unprotected personnel • Remove all ignition sources • Use spark-free clean up equipment • Use absorbent material. • Collect and seal in properly labelled containers or drums for disposal. |

7. HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Precautions for Safe Handling | <ul style="list-style-type: none"> • Avoid eye contact and skin contact. • Avoid inhalation of vapor, mist or aerosols • Do not grind, sand, drill or machine product |
| Conditions for Safe Storage | <ul style="list-style-type: none"> • Store away from sources of heat and/or ignition • Store in a cool, dry, well ventilated place out of direct sunlight • Store away from foodstuffs • Stored locked up • Store away from incompatible materials • Regularity check containers for damage and leaks <p>This material is classified as a dangerous good 2.1 Flammable Gas and as such must be handled and stored in accordance with the criteria specified in the Australian Dangerous Goods Code.</p> <p>This material is a scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.</p> |



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| 8. EXPOSURE STANDARDS AND PERSONAL PROTECTION | | | | | |
|--|---|-------------------|------|-------------------|---------|
| EXPOSURE STANDARDS | | | | | |
| Chemical component | TWA | | STEL | | Notices |
| | PPM | mg/m ³ | PPM | mg/m ³ | |
| Ethyl Alcohol | 1000 | 1880 | - | - | |
| mg/m ³ = milligrams per cubic meter | | | | | |
| PPM = Parts per Million | | | | | |
| As Published by Safe Work Australia (SWA). A list of current Australian Exposure Standards is available on the Hazardous Chemical Information System (HCIS), which can be accessed from www.safeworkaustralia.gov.au | | | | | |
| TWA = Time Weighted Average | The average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. | | | | |
| STEL = Short term Exposure Limit | The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday. | | | | |
| <p>These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.</p> <p>If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard.</p> | | | | | |
| Biological Limit Values | No Biological limit allocated | | | | |
| Engineering Controls | Handle with good industrial hygiene and safe work practices Ensure ventilation is adequate to maintain air concentrations below Exposure Standards using engineering controls if necessary. Use only in well ventilated areas. Use with local exhaust ventilation (LEV) or while wearing appropriate respirator. Prevent vapour concentration in hollows or sumps. Do not enter confined spaces where vapour may have collected. | | | | |
| INDIVIDUAL PROTECTION MEASURES | | | | | |
| Avoid bodily contact with product. Do not inhale or ingest. Wash hands prior to eating, drinking or smoking. Wash contaminated clothing and protective equipment before storing or re-using | | | | | |
| Eye and Face Protection | Safety Glasses with side shields | | | | |
| Skin Protection | Overalls and/ or other removable protective clothing is recommended. Handle with gloves. Gloves must be inspected prior to use. Nitrile rubber gloves are suitable for intermittent product handling. Dispose of contaminated gloves after use in accordance with applicable laws and good workplace practices. Wash and dry hands | | | | |
| Respiratory Protection | Where risk assessment shows respiratory protection is appropriate, a mask marked as conforming to the AS/NZ 1716 standard <i>Respiratory Protective Devices</i> is required. Respiratory equipment should be used in reference to AN/NZ 1715 standard <i>Selection, Use and Maintenance of Respiratory Protective Equipment</i> . | | | | |
| Thermal Hazards | Standard Personal Protective Equipment required for the safe handling of this product should not adversely increase the thermal load of the wearer. | | | | |



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9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|--------------------|
| Appearance | Liquid |
| Odour | Petroleum odour |
| pH | Not Applicable |
| Melting point / freezing point | Not Available |
| Initial Boiling Point and boiling range | Not Available |
| Flash Point | -12 |
| Evaporation Rate | Not Available |
| Flammability (solid, gas) | Not Available |
| Upper / Lower flammability or explosive limits | Not Available |
| Vapour Pressure | Not Available |
| Vapour Density | Not Available |
| Relative Density (air = 1) | >1 |
| Solubility | Insoluble in water |
| Partition Coefficient: n-octanol / water | Not Available |
| Auto ignition temperature | Not Available |
| Decomposition temperature | Not Available |
| Viscosity | Not Available |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Chemical Reactivity | The material is non-reactive when used and stored as directed |
| Chemical Stability | The material is thermally stable when used and stored as directed |
| Hazardous Reactions | No known hazardous reactions |
| Conditions to Avoid | Elevated temperatures and sources of ignition |
| Incompatible Materials | Oxidising agents |
| Hazardous Decomposition Products | Oxides of Carbon and Nitrogen, smoke and other toxic fumes may be liberated at elevated temperatures |

11. TOXICOLOGICAL INFORMATION

| | | |
|--|---|--|
| Acute Toxicity | LD ₅₀ Data is not available for this product as a mixture. | |
| Skin corrosion / Irritation | Mixture | Causes skin irritation |
| Serious Eye Damage / Irritation | Mixture | Causes serious eye irritation |
| Respiratory or skin sensitization | Mixture | Not classed as respiratory or skin sensitizer |
| Germ cell mutagenicity | Mixture | Classed as germ cell mutagen Cat 1B |
| Carcinogenicity | Mixture | Classed as cancer agent |
| Reproductive toxicity | Mixture | Not classed as reproductive toxicant |
| Specific Target Organ Toxicity (STOT) –single exposure | Mixture | May cause depression of the central nervous system |
| Specific Target Organ Toxicity (STOT) –repeated exposure | Mixture | May cause organ damage |
| Aspiration Hazard | Mixture | Classed as Aspiration hazard Cat 1 |



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12. ECOLOGICAL INFORMATION

Avoid contaminating Waterways

| | | |
|----------------------------------|--|--------------------------|
| Ecotoxicity | Ecotoxicity Data is not available for this product as a mixture. However, this product has been classified as having long term hazards to the aquatic environment. | |
| Persistence and biodegradability | Mixture | No information available |
| Bio accumulative Potential | Mixture | No information available |
| Mobility in Soil | Mixture | No information available |
| Other Adverse Effects | Mixture | No information available |

13. DISPOSAL CONSIDERATIONS

| | |
|-------------------------|---|
| Disposal Method | <ul style="list-style-type: none"> Product should be disposed in accordance with applicable State / Territory Land Waste Management Authority |
| Disposal limitations | <ul style="list-style-type: none"> Product should not be discharged to sewer Product should not be discharged to storm water Product not is suitable for recycling Product is not suitable for incineration |
| Disposal Considerations | <ul style="list-style-type: none"> Persons conducting disposal activities please refer to the information in section 8 – Exposure Controls and Personal Protection of this SDS |

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

| | |
|---|--|
| UN Number | 1993 |
| Proper Shipping or Technical Name | FLAMMABLE LIQUID, N.O.S (SOLVENT NAPHTHA, ETHYL ALCOHOL) |
| Transport Hazard Class | 3 |
| Packing Group | II |
| Environmental; Hazards for Transport Purposes | Not Applicable |
| Special Precautions for the User | Not Applicable |
| Additional Information | Segregation of goods in accordance with the ADG |
| HAZCHEM or Emergency Action Code | •3YE |

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

| | |
|---|--|
| UN Number | 1993 |
| Proper Shipping or Technical Name | FLAMMABLE LIQUID, N.O.S (SOLVENT NAPHTHA, ETHYL ALCOHOL) |
| Transport Hazard Class | 3 |
| Packing Group | II |
| Environmental; Hazards for Transport Purposes | Marine Pollutant (P) |

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

| | |
|-----------------------------------|--|
| UN Number | 1993 |
| Proper Shipping or Technical Name | FLAMMABLE LIQUID, N.O.S (SOLVENT NAPHTHA, ETHYL ALCOHOL) |
| Transport Hazard Class | 3 |
| Packing Group | II |



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15. REGULATORY INFORMATION

The product is subject to the following international agreements

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| Montreal Protocol (Ozone Depleting Substances) | Not Applicable |
| The Stockholm Convention (Persistent Organic Pollutants) | Not Applicable |
| The Rotterdam Convention (Prior Informed Consent) | Not Applicable |
| Basel Convention (Hazardous Waste) | Applicable |
| International Convention for the prevention of Pollution from Ships (MARPOL) | Annex II – Noxious Liquid substances carried in bulk Annex III – Harmful substances carried in packaged form |
| The product is subject to the following Health Safety and Environmental Regulation | |
| Standard for the uniform scheduling of medicines and poisons (SUSMP) | Poisons Schedule: S5 |
| Australian inventory of chemical substances (ACIS) | Not Applicable for product Constituents as listed |

16. OTHER INFORMATION

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

SDS Preparation Information

| SDS Version | Reason for Revision | Notes |
|-------------|-----------------------|----------------|
| 1.0 | Release in GHS Format | SDSID: BBC2019 |
| | | |
| | | |

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since FMP Group (Australia) Pty Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Abbreviations and Acronyms Used in preparation of the SDS

| | |
|-------|---|
| GHS | Global Harmonized System of Classification and Labeling |
| ADG | Australian Dangerous Goods Code |
| SWA | Safe Work Australia |
| TWA | Time Weighted Average |
| PPM | Parts Per Million |
| mg/m3 | Milligrams per cubic meter |
| STEL | Short Term Exposure Limit |
| LD50 | Lethal Dose 50% |
| LC50 | Lethal Concentration 50% |
| IARC | International Agency for Research on Cancer |
| STOT | Specific Target Organ Toxicity |