



Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name: **Fortron SAFETY PARTS WASH**

Other Names: **FSPWB – 205 litre drum**
FSPW20 – 20 litre container

Recommended Use: Fortron Safety Parts Wash is a typical Solvent Degreaser for industrial applications. Predominantly used in parts wash basins due to its safe flash point and mid range evaporation rate. Fortron Safety Parts Wash is a cost effective alternative to Diesel / Kerosene and also provides excellent Solvency for oils, greases and general dirt.

Supplier: Fortron Automotive Treatments Pty Ltd
14-18 Sangiorgio Court, Osborne Park
Perth, Western Australia 6017
ACN 008 872 197 ABN 12 008 872 197

Phone: (618) 9202 7800 (Monday – Friday 8.00am – 5.00pm)

Fax: (618) 9202 7851
www.fortron.com.au

Emergency Telephone No: 0433 088 498

2. HAZARDS IDENTIFICATION:

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE

Hazard Identification: Xn Harmful

Risk Phrase: R22 Harmful if swallowed
R38 Irritating to skin
R65 Harmful: may cause lung damage if swallowed.

Safety Phrase: S2 Keep out of the reach of children.
S20 When using, do not eat or drink
S23 Do not breathe vapour
S51 Use only in well ventilated areas
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection



3. COMPOSITION/INFORMATION ON INGREDIENTS:

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>Proportion % w/w</u>
Distillates (petroleum), straight run middle	64741-44-2	100%

4. FIRST AID MEASURES:

Swallowed:	If swallowed Do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. For advice, contact a Poisons Information Centre. Phone Australia 13 1126; New Zealand 03 4747 000 (Not after May 2005) or 0800 764 766; or a doctor (at once).
Eye:	If contact with the eye(s) occur, immediately hold the eye open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. If redness, burning, blurred vision, or swelling persist transport to nearest medical facility for additional treatment.
Skin:	Remove contaminated clothing and wash skin with plenty of water for at least 15 minutes. Contaminated clothing is to be laundered before re-use. Dispose of work boots that are contaminated internally.
Inhaled:	Remove the source of contamination or move the victim to fresh air, avoid becoming a casualty. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.
First Aid Facilities:	Potable water should be available to rinse eye or skin. Provide eye baths and safety showers.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES:

Extinguishing Media:	In case of fire, use foam, water spray or fog, dry chemical powder. Unsuitable extinguishing media – Do not use water in a jet.
Unusual Fire & Explosion Hazards:	Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.
Fire Fighting Precautions:	Wear full protective clothing and self-contained breathing apparatus.
Hazchem Code:	Not applicable

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures: Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks; Remove all sources of ignition in the surrounding area. Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Take precautionary measures against static discharge, Insure electrical continuity by bonding and earthing all equipment.

Methods and Materials for Containment and Clean Up: Small Spills (< 1 drum) – Transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.
Large Spills (> 1 drum) – Transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

7. HANDLING AND STORAGE:

Precautions for Safe Handling: Avoid breathing of or contact with material. Use in well ventilated areas. Wash thoroughly after handling. Avoid contact with skin and eyes and clothing. Handle open containers in well ventilated area. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands

Dispensing : Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

Conditions for Safe Storage: Keep containers closed when not in use. Do not store near strong oxidants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

National Exposure Standards: In the absence of occupational exposure standards for this product, it is recommended that the following are adopted:-

SUBSTANCE	Occupational Exposure Limits	TWA ppm	TWA mg/m3 10
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Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION: - continued

Time-weighted average (TWA) is defined as the concentration of that substance over an eight-hour working shift, and apply to an eight-hour day, for a five-day working week over an entire working lifetime. Short Term Exposure Limits (STEL) and Peak Limitations may also be specified for short periods of exposure such as 15 minutes.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

Personal Protective Equipment: *Respiratory Protection:* if work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter and select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Protective Gloves: Use solvent resistant gloves. Nitrile for longer term protection or PVC and neoprene for incidental splashes.

Eye Protection: Wear safety goggles. Consult AS1336 and AS/NZS1337 for advice on Industrial Eye Protection.

Clothing Protection: Use chemical resistant glove/gauntlets, boots and apron. Skin protection not ordinarily required beyond standard issue work clothes.

Hygiene Recommendations: Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Colourless to pale liquid
Odour:	Mild odour
pH:	Not applicable
Vapour Pressure:	< 0.1 kPa @ 20°C
Vapour Density:	> 1 (air = 1)
Boiling Point:	150°C - 280°C
Melting Point:	Not available
Solubility in Water:	Insoluble
Specific Gravity:	0.82 g/ml @ 15°C
Flashpoint:	> 61°C
Flammability Limits:	LEL 0.7 % UEL 5.0 %
Auto Ignition Temperature:	Not determined
Volatile Component:	Not determined

10. STABILITY AND REACTIVITY:

Chemical Stability:	Stable under normal conditions of use.
Conditions to Avoid:	Avoid heat, sparks, open flames and other ignition sources.
Incompatible Materials:	Strong oxidising agents.
Hazardous Decomposition Products:	Thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION:

HUMAN HEALTH HAZARDS - ACUTE

Swallowed:	Expected to be harmful. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis.
Eye:	Expected to be non-irritating to eyes.
Skin:	Prolonged contact may cause defatting of skin, which can lead to dermatitis.
Inhaled:	Not expected to be a respiratory irritant.
Chronic:	No data available.

12. ECOLOGICAL INFORMATION:

Environmental Hazards:	No specific data available.
Ecotoxicity:	No specific data available.
Persistence and Degradability:	No specific data available.
Mobility:	No specific data available.

13. DISPOSAL CONSIDERATIONS:

Disposal Methods and Containers: Small Spills (< 1 drum) – Transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. Large Spills (> 1 drum) – Transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

Special Precautions for Landfill or Incineration: No special precautions required.

14. TRANSPORT INFORMATION:

UN Number: None Allocated
 UN Proper Shipping Name: None Allocated
 Class and Subsidiary Risk: None Allocated
 Packaging Group: None Allocated
 Special Precaution for user: None Allocated
 Hazchem Code: None Allocated

Land Transport (ADG):
 UN Number: None Allocated
 UN Proper Shipping Name: None Allocated
 Class and Subsidiary Risk: None Allocated
 Packaging Group: None Allocated
 Special Precaution for user: None Allocated
 Hazchem Code: None Allocated

Air Transport (ICAO/IATA):
 UN Number: None Allocated
 UN Proper Shipping Name: None Allocated
 Class and Subsidiary Risk: None Allocated
 Packaging Group: None Allocated
 Special Precaution for user: None Allocated
 Hazchem Code: None Allocated

Marine Transport (IMDG/IMO):
 UN Number: None Allocated
 UN Proper Shipping Name: None Allocated
 Class and Subsidiary Risk: None Allocated
 Packaging Group: None Allocated
 Special Precaution for user: None Allocated
 Hazchem Code: None Allocated

15. REGULATORY INFORMATION:

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE

Hazard Identification:	Xn	Harmful
Risk Phrase:	R22 R38 R65	Harmful if swallowed Irritating to skin Harmful: may cause lung damage if swallowed.
Safety Phrase:	S2 S20 S23 S51 S36/37/39	Keep out of the reach of children. When using, do not eat or drink Do not breathe vapour Use only in well ventilated areas Wear suitable protective clothing, gloves and eye/face protection



16. OTHER INFORMATION:

Date of Issue: 30th July, 2009
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