



PREMIUM RADIATOR FLUSH

Material Safety Data Sheet

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Wynn's Premium Radiator Flush

Other Names 65312 350 ml

Recommended Use Water-based cleaner for engine cooling systems

Supplier Name Wynn's Australia Pty Ltd
An (ITW), Illinois Tool Works Company
ABN 73 000 370 150

Address 100 Hassall Street, Wetherill Park N.S.W 2164
Private Bag 35, Wetherill Park DC N.S.W. 2164

Telephone Number (02) 9828 0900
Email: wynnsaus@wynns.net
Website: www.wynns.net

Emergency Phone Number (02) 9828 0900 Monday-Friday 8.00am – 5.00pm
13 11 26 (24 hours Australia) Poisons Information Centre (PIC)
0800 764 766 (New Zealand) Poisons Information Centre (PIC)

SECTION 2 HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Not classified as hazardous according to the criteria of NOHSC.
Not classified as Dangerous Goods according to the criteria of the ADG Code.

Risk Phrase None

Safety Phrase None

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| SECTION 3 | COMPOSITION/INFORMATION ON INGREDIENTS |
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Pure substances

Not applicable – Mixture

Mixtures

| Chemical Identity | CAS Number | Proportion |
|---------------------------------|------------|------------|
| Water | 7732-18-5 | >60% |
| Sodium Nitrite | 7632-00-0 | <1% |
| Sodium Borate | 1303-96-4 | <1% |
| Sodium Molybdate | 7631-95-0 | <1% |
| Other non-hazardous ingredients | - | <1% |

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| SECTION 4 | FIRST AID MEASURES |
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Ingestion

Do NOT induce vomiting. Give water and call a doctor immediately.

Skin

Wash affected area with soap and water. Remove contaminated clothing.

Eye

Flush with water for 15 minutes. If irritation persists, call for medical help.

Inhalation

Remove person to fresh air to avoid further inhalation.

First Aid Facilities

Eye wash station.

Advice to Doctor

Treatment should be based on symptoms and clinical condition.

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| SECTION 5 | FIRE FIGHTING MEASURES |
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Suitable Extinguishing Media

Water, water spray, dry chemicals, foam.

Hazards From Combustion Products

Thermal decomposition may produce oxides of carbon and sodium.

Precautions For Fire Fighters

Use water to cool fire exposed containers.

Special Protective Equipment

Fire fighters to wear a self contained breathing apparatus.

Hazchem Code

None allocated.

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| SECTION 6 | ACCIDENTAL RELEASE MEASURES |
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| Emergency Procedures | Prevent product from entering drink water supplies and sewer. |
| Methods and Materials for Containment and Clean Up Procedures | With small spills, absorb with inert absorbent material. Shovel into waste containers. Dispose in compliance with Federal, State and Local regulations. |

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| SECTION 7 | HANDLING AND STORAGE |
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| Precautions for Safe Handling | Avoid skin and eye contact. Keep out of reach of children. |
| Conditions for Safe Storage | Avoid freezing. Do not store opened unenclosed bottles. Use entire contents. |

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| SECTION 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION |
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National Exposure Standards

| Name | ES-TWA | ES-STEL | ES-Peak |
|-----------------------------------|--------|---------|---------|
| None established for product. | - | - | - |
| None established for ingredients. | - | - | - |

Alternative Standards Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

Biological Limit Values No biological limit allocated.

Engineering Controls Normal ventilation

Personal Protective Equipment

Respiratory Protection None required.

Eye / Face Protection Safety glasses.

Skin Protection Rubber, plastic gloves.

Thermal Hazards None applicable.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Clear thin green liquid |
| Odour | None |
| pH Value | 8.5 (100% concentration) 8.3 (3% concentration in distilled water) |
| Vapour Pressure | Irrelevant |
| Vapour Density | Irrelevant |
| Boiling Point/Range | 100°C |
| Freezing Point | 0°C |
| Melting Point | Not applicable |
| Solubility | 100% in water |
| Density | 1.050 @ 15°C |
| Flash Point | None |
| Flammable Limits | Not applicable |
| Ignition Temperature | Not applicable |

SECTION 10 STABILITY AND REACTIVITY

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| Chemical Stability | Stable |
| Conditions to Avoid | None applicable. Not flammable or combustible. |
| Incompatible Materials | Strong acids, oxidising materials. |
| Hazardous Decomposition Products | Thermal decomposition may produce oxides of carbon and sodium. |
| Hazardous Reactions | Polymerization will not occur. |

SECTION 11 TOXICOLOGICAL INFORMATION

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| Toxicology Information | This material has not been identified as a carcinogen by NTP, IARC or OSHA. |
| Acute Health Effects | |
| Ingestion | May cause irritation to the digestive tract. |
| Inhalation | No effect. |
| Eye | May cause slight irritation, watery eyes and blurred vision. |
| Skin | May absorb on prolonged and repeated exposure. May cause slight irritation on prolonged contact. |
| Chronic Health Effects | |

SECTION 12 ECOLOGICAL INFORMATION

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| Ecotoxicity | Not available. |
| Persistence/ Degradability | Not available. |
| Mobility | Miscible with water. |

SECTION 13 DISPOSAL CONSIDERATIONS

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| Disposal Methods | Ensure waste disposal conforms to local waste disposal regulations. Avoid unauthorised discharge to sewer. |
| Special Precautions for Landfill or Incineration | Material suitable for disposal by landfill through an approved agent. |

SECTION 14 TRANSPORT INFORMATION

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| UN Number | Non regulated. |
| Proper Shipping Name | Not applicable. |
| Class and Subsidiary Risk | Not applicable. |
| Packing Group | Not applicable. |
| Special Precautions for User | None allocated. |
| Hazchem Code | Not applicable. |

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| SECTION 15 | REGULATORY INFORMATION |
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Poisons Schedule None scheduled.

Hazard Category None allocated.

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| SECTION 16 | OTHER INFORMATION |
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Acronyms

| | |
|-------|--|
| ABN | Australian Business Number |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ADG | Australian Dangerous Goods |
| AICS | Australian Inventory of Chemical Substances |
| AS | Australian Standard |
| CAS | Chemical Abstracts Service (USA) |
| COC | Cleveland Open Cup |
| EPA | Environment Protection Agency (Australian States) |
| IARC | International Agency for Research on Cancer |
| IP | Institute of Petroleum (UK) |
| NIOSH | National Institute for Occupational Safety and Health (USA) |
| NOHSC | National Occupational Health and Safety Commission (Australia) |
| NTP | National Toxicology Program (USA) |
| NZS | New Zealand Standard |
| OSHA | Occupational Safety and Health Administration (USA) |
| PEL | Permissible Exposure Level |
| PMCC | Pensky – Martens Closed Cup |
| SCBA | Self-Contained Breathing Apparatus |
| STEL | Short Term Exposure Limit |
| SUSDP | Standard for the Uniform Scheduling of Drugs and Poisons (Australia) |
| TLV | Threshold Limit Value |
| TWA | Time Weighted Average |
| UN | United Nations |

Abbreviations

| | |
|----------------|--|
| cP | centiPoise |
| cSt | centiStoke |
| g | gram |
| Hg | Mercury |
| kPa | kiloPascal |
| L | litre |
| m ³ | cubic metre |
| mg | milligram |
| mL | millilitre |
| mm | millimetre |
| °C | degrees of temperature in Celsius (Centigrade) |
| % | percent(age) |

Note

This form has been prepared in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)] issued by the National Occupation Health and Safety Commission April 2003.

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END OF MATERIAL SAFETY DATA SHEET