



# SAFETY DATA SHEET

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Issue Date: 19 May 2017  
Radiator Flush  
Version: 1

**Product name: Radiator Flush**

## 1. COMPANY DETAILS AND PRODUCT IDENTIFICATION

COMPANY: Hi-Tec Oil Traders Pty Ltd. (ABN 28 053 837 362)

ADDRESS: PO Box 322 Castle Hill NSW 1765  
5 Tarlington Place, Smithfield NSW 2164

TELEPHONE NUMBER: 1300 796 009

FAX NUMBER: (02) 9604 1611

EMERGENCY TELEPHONE NUMBER: 1300 796 009

PRODUCT NAME: Radiator Flush

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI14-RF-300

USE: Radiator flush and clean.

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information

OTHER INFORMATION: Visit our website: [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)  
Email: hitecoils@hi-tecoils.com.au

## 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: NON-HAZARDOUS SUBSTANCE  
NON-DANGEROUS GOODS  
Hazard classification according to criteria of NOHSC and GHS.  
Dangerous Goods classification according to the Australian Dangerous Goods Code.

SIGNAL WORD (S): None

IRRITANCY OF PRODUCT: Not classified as an irritant.

SENSITISATION OF PRODUCT: Not known to be a sensitiser.

TERATOGENICITY: No teratogenic effects known.

OTHER HAZARDS: No information provided.



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## 3. IDENTIFICATION / COMPOSITION OF INGREDIENTS

Ingredients	CAS No	Conc,%
Sodium Metasilicate	1344-09-8	< 30
Water softeners	N/A	< 1
Water	7732-18-5	> 69%

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

## 4. FIRST AID MEASURES

GENERAL INFORMATION:	You should call the Poisons Information Centre on 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) if you feel that you may have been poisoned, burned or irritated by this product. Have this SDS with you when you call.
EYE CONTACT:	If in eyes, hold eyelids apart and flush continuously with running water for at least 15 minutes.
INHALATION:	If inhaled, remove from contaminated area.
SKIN CONTACT:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
INGESTION:	For advice, immediately contact the Poison Information Centre on 13 11 26 (Australia Wide) or a doctor.
FIRST AID FACILITIES:	Eye wash facilities & safety shower should be available.
SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED:	Adverse effects not expected from this product under normal conditions of use.
NOTES TO PHYSICIAN:	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
HAZARDS ARISING:	Non-flammable. Not a fire hazard. Not an explosion hazard.
FIRE FIGHTING:	No fire or explosion hazard exists.
HAZCHEM CODE:	None allocated.



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## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.
ENVIRONMENTAL PRECAUTIONS:	Large spillages should be contained.
METHODS OF CLEANING UP:	If spilt (bulk), mop up area. CAUTION: Spill site may be slippery.

## 7. HANDLING AND STORAGE

SAFE HANDLING:	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
SAFE STORAGE & INCOMPATIBILITIES:	Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
SPECIFIC END USES:	No information provided.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>CONTROL PARAMETERS</u> EXPOSURE STANDARDS:	None assigned by ASCC.
BIOLOGICAL LIMITS:	No biological limit values have been entered for this product.
<u>EXPOSURE CONTROLS</u> ENGINEERING CONTROLS:	No special precautions are normally required when handling this product. Maintain vapour levels below the recommended exposure standard.
<u>PERSONAL PROTECTION</u> EYE/FACE:	With prolonged use, wear safety glasses.
HANDS:	With prolonged use, wear PVC, nitrile or neoprene gloves.
BODY:	Overalls and rubber or plastic apron.
RESPIRATORY:	Not required under normal conditions of use.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear water white liquid
ODOUR:	None
FLAMMABILITY:	Non flammable
FLASH POINT:	Not relevant
BOILING POINT:	100°C (approximately)
MELTING POINT:	<0°C
EVAPORATION RATE:	As for water
pH:	10.0 to 11.5
VAPOUR DENSITY:	Not available
SPECIFIC GRAVITY:	1.00 – 1.10
SOLUBILITY (WATER):	Soluble
VAPOUR PRESSURE:	Not relevant
EXPLOSION LIMITS:	Not relevant
PARTITION COEFFICIENT:	Not available
AUTOIGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available
EXPLOSIVE PROPERTIES:	Not available
OXIDISING PROPERTIES:	Not available
ODOUR THRESHOLD:	Not available
VOLATILES (%):	Not available





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### 10. STABILITY AND REACTIVITY

REACTIVITY:	Carefully review all information provided below.
CHEMICAL STABILITY:	Stable under recommended conditions of storage.
HAZARDOUS REACTIONS:	Polymerisation will not occur.
CONDITIONS TO AVOID:	Avoid oxidising agents and naked flames.
INCOMPATIBILITIES:	Compatible with most commonly used materials.
DECOMPOSITION PRODUCTS:	May evolve toxic gases if heated to decomposition.

### 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: This product is expected to be of low acute toxicity. Under normal conditions of use, adverse health effects are not anticipated.

Ingredient	LC50	EC50	NOEC
Sodium Metasilicate	1800mg/L (fish)	160mg/L (crustacea)	> =1000mg/L (fish)

SKIN: Not classified as a skin irritant. Contact may cause temporary mild skin irritation. Prolonged or repeated contact may result in drying and defatting of the skin.

EYE: Not classified as an eye irritant. Contact may cause discomfort, lacrimation and redness.

SENSITISATION: Not classified as causing skin or respiratory sensitisation.

MUTAGENICITY: Not classified as a mutagen.

CARCINOGENICITY: Not classified as a carcinogen.

REPRODUCTIVE: Not classified as a reproductive toxin.

STOT – SINGLE EXPOSURE: Not classified as causing organ damage from single exposure.

STOT – REPEATED EXPOSURE: Not classified as causing organ damage from repeated exposure.

ASPIRATION: This product does not present an aspiration hazard.



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### 12. ECOLOGICAL INFORMATION

TOXICITY:	No information provided.
PERSISTENCE AND DEGRADABILITY:	No information provided.
BIOACCUMULATIVE POTENTIAL:	No information provided.
MOBILITY IN SOIL:	No information provided.
OTHER ADVERSE EFFECTS:	This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bio accumulate.

### 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:	No special precautions are required for the disposal of this product. Dispose of in accordance with local legislation.
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### 14. TRANSPORT INFORMATION

ROAD & RAIL TRANSPORT: ADG REQUIREMENT	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
MARITIME TRANSPORT: IMO/IMDG REQUIREMENT	Not classified as a Dangerous Good according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
AIR TRANSPORT: ICAO/IATA REQUIREMENT	Not classified as a Dangerous Good according to the criteria of the International Maritime Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

POISON SCHEDULE:	Not scheduled.
HAZCHEM CODE:	None allocated.
ENVIRONMENTAL HAZARDS:	No information provided.
PACKING & LABELLING:	No special packaging or labelling requirements.
AUSTRALIAN INVENTORY STATUS:	All components are listed or exempted.





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## 16. OTHER INFORMATION

CONTACT PERSON/POINT: General Manager 1300 796 009

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

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

LITERATURE REFERENCES:

- \* NOHSC: 2011 National Code of Practice for the preparation of Safety Data Sheets.
- \* NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
- \* NOHSC: 10005 List of Designated Hazardous Substances.
- \* NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
- \* NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
- \* NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
- \* NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
- \* NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
- \* NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
- \* SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
- \* ADG: Australian Dangerous Goods Code
- \* SDS of component materials.

LAST CHANGE: Supercedes document issued: New Document  
Reason/s for revision: Minor editorial changes to comply with GHS requirements.

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END OF SDS