

**Safety Data Sheet**

according to the Hazardous Substances and New Organisms Act (1996)  
Issue date: 23/09/2022 Revision date: 11/10/2022 Supersedes: 23/09/2022 Version: 1.1

**SECTION 1: Identification****1.1 Product identifier**

Trade name : RAILMASTER® #1 W  
Product form : Mixture

**1.2 Other means of identification**

No additional information available

**1.3 Recommended use of the chemical and restrictions on use**

No additional information available

**1.4 Details of manufacturer or importer****Manufacturer**

Whitmore  
930 Whitmore Drive  
Rockwall, Texas 75087  
USA  
T 1.972.771.1000  
[Regulatory@whitmores.com](mailto:Regulatory@whitmores.com) - [www.whitmores.com](http://www.whitmores.com)

**Distributor**

Industrial Lubricants & Services Limited  
P.O. Box 259 347  
Botany, Manukau 2163 Auckland  
New Zealand  
T 0800 10 40 11 - F 0800 10 40 15  
[orders@ils.co.nz](mailto:orders@ils.co.nz) - [www.ils.co.nz](http://www.ils.co.nz)

**1.5. Emergency phone number**

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week  
Within USA and Canada: 1.800.424.9300  
Outside USA and Canada: +1.703.527.3887  
(collect calls accepted)

Country	Organisation/Company	Address	Emergency number	Comment
New Zealand	Chemtrec - New Zealand	Auckland	Local (City) +64 9-801 0034	
New Zealand	Chemtrec - New Zealand		Toll Free 0800 425 459	
New Zealand	New Zealand National Poison Centre Dunedin School of Medicine, University of Otago	P.O. Box 56 9054 Dunedin	0800 764 766 ILS Technical Helpline 0800 10 40 17	

**SECTION 2: Hazard identification****2.1. Classification of the hazardous chemical**

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Not classified

**2.2. GHS Label elements, including precautionary statements****GHS NZ labelling**

No labelling applicable

**2.3. Other hazards which do not result in classification**

No additional information available

**SECTION 3: Composition and information on ingredients****3.1. Substances**

Not applicable

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### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

### 4.2. Symptoms caused by exposure

No additional information available

### 4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam.
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### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Exercise caution. Spill area may be slippery.
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	: Mechanically recover the product.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

#### Exposure limit values for the other components

No additional information available

### 8.2. Monitoring methods

No additional information available

### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Neoprene or nitrile rubber gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR), Natural rubber	2 (> 30 minutes)	0.3 mm - 0.6 mm		

Eye protection : Wear eye protection

Skin and body protection : Wear suitable protective clothing

Respiratory protection : No respiratory protection needed under normal use conditions

Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Solid  
Appearance : Grease.  
Colour : Grey  
Odour : petroleum-like odour  
Odour threshold : No additional information available  
pH : Not applicable  
Evaporation rate : No additional information available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point / Freezing point : Melting point: 243 °C  
Freezing point: Not applicable  
Boiling point : No data available  
Flash point : > 204 °C (Open cup)  
Auto-ignition temperature : Not applicable  
Flammability : Non flammable.  
Vapour pressure : No additional information available  
Relative density : No additional information available  
Density : No additional information available  
Solubility : insoluble in water.  
Partition coefficient n-octanol/water (Log Pow) : No data available  
Viscosity, kinematic : 84 mm<sup>2</sup>/s @ 40°C  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Explosive limits : No additional information available  
Minimum ignition energy : No data available  
VOC content : < 0.1 %

## SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.  
Conditions to avoid : None under recommended storage and handling conditions (see section 7).  
Incompatible materials : No additional information available

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Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Toxicity

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified  
Skin corrosion/irritation : Not classified  
pH: Not applicable  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

RAILMASTER® #1 W	
Viscosity, kinematic	84 mm <sup>2</sup> /s @ 40°C

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Ecology - general : Harmful to aquatic life with long lasting effects. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified  
Soil toxicity : Not classified  
Terrestrial vertebrate toxicity : Not classified  
Terrestrial invertebrate toxicity : Not classified

#### 12.2. Persistence and degradability

RAILMASTER® #1 W	
Persistence and degradability	No additional information available

#### 12.3. Bioaccumulative potential

RAILMASTER® #1 W	
Bioaccumulative potential	No additional information available

#### 12.4. Mobility in soil

RAILMASTER® #1 W	
Mobility in soil	No additional information available

#### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

### SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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### SECTION 14: Transport information

IMDG	IATA	UNRTDG
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not regulated	Not regulated	Not regulated
No supplementary information available		

### 14.6. Special precautions for user

#### Transport by road and rail

No data available

#### Transport by sea

No data available

#### Air transport

No data available

### 14.7. Transport in bulk according to IMO instruments

Not applicable

### 14.8. Hazchem or Emergency Action Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

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Safety Data Sheet (SDS), New Zealand

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.