

Infosafe No™ SILAJ	Issue Date : June 2013	ISSUED by MOTORONE
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Product Name : **WAXGUARD RUST INHIBITOR**

Classified as hazardous

1. Identification

GHS Product Identifier WAXGUARD RUST INHIBITOR

Company Name MotorOne Group Pty Ltd

Address 275 Canterbury Road Canterbury
VIC 3126 Australia

Telephone/Fax Number Tel: (03) 8809 2700
Fax: (03) 9888 6944

Recommended use of the chemical and restrictions on use Corrosion inhibitor

2. Hazard Identification

GHS classification of the substance/mixture Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Flammable Liquids: Category 3

Signal Word (s) Warning

Hazard Statement (s) H226 Flammable liquid and vapour.

Pictogram (s) Flame



Precautionary statement – Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction. Alcohol resistant foam is preferred. If not available normal foam can be used.

Precautionary statement – Storage

P403+P235 Store in a well-ventilated place. Keep cool.

Precautionary statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	White Mineral Oil (Petroleum)	8042-47-5	30-60 %
	Ingredients determined not to be hazardous.		Balance

4. First-aid measures

Inhalation If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

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Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Remove contact lenses. If symptoms develop and/or persist seek medical attention.
First Aid Facilities	Eyewash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	Use carbon dioxide, dry chemical, foam, water fog or water spray. Alcohol resistant foam is preferred. If not available normal foam can be used.
Unsuitable Extinguishing Media	Do not use water jet.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.
Specific hazards arising from the chemical	Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
Hazchem Code	•3Y
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

Emergency Procedures	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with adequate ventilation. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers closed when not in use. Take precautionary measures against static discharges. Keep material away from sparks, flames and other ignition sources. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations. For information on the design of the store-room reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all Local, State and Federal regulations.

8. Exposure controls/personal protection

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Occupational exposure limit values	<p>No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below: Safe Work, Australia Exposure Standards:</p> <table border="1"> <thead> <tr> <th rowspan="2">Substance</th> <th colspan="2">TWA</th> <th colspan="2">STEL</th> <th rowspan="2">Notices</th> </tr> <tr> <th>ppm</th> <th>mg/m³</th> <th>ppm</th> <th>mg/m³</th> </tr> </thead> <tbody> <tr> <td>Oil Mist</td> <td>-</td> <td>5</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. 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>	Substance	TWA		STEL		Notices	ppm	mg/m ³	ppm	mg/m ³	Oil Mist	-	5	-	-	-
Substance	TWA		STEL		Notices												
	ppm	mg/m ³	ppm	mg/m ³													
Oil Mist	-	5	-	-	-												
Biological Limit Values	No biological limits allocated.																
Appropriate engineering controls	<p>Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.</p> <p>Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.</p>																
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.																
Eye Protection	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.																
Hand Protection	Wear gloves of impervious material such as laminated film. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.																
Body Protection	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.																

9. Physical and chemical properties

Appearance	Yellow viscous liquid
Colour	Yellow
Odour	Hydrocarbon
Decomposition Temperature	Not available
Melting Point	Not available
Boiling Point	147°C
Solubility in Water	Insoluble
Specific Gravity	0.9
pH	Not applicable
Vapour Pressure	0.8kPa (38°C)
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available

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Viscosity Not available
Partition Coefficient: Not available
n-octanol/water
Flash Point 38°C
Flammability Flammable liquid
Auto-Ignition Not available
Temperature
Flammable Limits - 0.9%
Lower
Flammable Limits - 7.0%
Upper

10. Stability and reactivity

Reactivity Reacts with incompatibles
Chemical Stability Stable under normal conditions of storage and handling.
Conditions to Avoid Heat, open flames and other sources of ignition.
Incompatible Strong oxidizing agents.
Materials
Hazardous Under fire conditions this product may emit toxic and/or irritating fumes,
Decomposition smoke and gases including carbon monoxide, carbon dioxide and oxides of
Products nitrogen.
Hazardous Will not occur.
Polymerization

11. Toxicological Information

Toxicology The available toxicity data for material given below.
Information
Acute Toxicity - Oral 2,3,4-Trihydroxybenzophenone, 6-diazo-5-oxo-1-naphthalenesulfonyl chloride adduct:
LD50 (Rat): >5,000 mg/kg
Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Skin May be irritating to skin. The symptoms may include redness, itching and swelling. May cause dermatitis if in frequent and prolonged contact with skin.
Eye May be irritating to eyes. The symptoms may include redness, itching and tearing.
Respiratory sensitisation Not expected to be a respiratory sensitiser.
Skin Sensitisation Not expected to be a skin sensitiser.
Germ cell mutagenicity Not considered to be a mutagenic hazard.
Carcinogenicity Not considered to be a carcinogenic hazard.
Reproductive Toxicity Not considered to be toxic to reproduction.
STOT-single exposure Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure Not expected to cause toxicity to a specific target organ.
Aspiration Hazard Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity No ecological data available for this material.
Persistence and degradability Not available

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Mobility Not available
Bioaccumulative Potential Not available
Environmental Protection Do not discharge this material into waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.

14. Transport information

Transport Information

Australia:
This material is Dangerous Goods Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:
- Class 1, Explosives
- Division 2.1, Flammable Gases, (Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500 L.)
- Division 2.3, Toxic Gases
- Division 4.2 Spontaneously Combustible Substances
- Division 5.1 Oxidising substances and Division 5.2, Organic Peroxides
- Class 6 Toxic or Infectious Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

Marine Transport (IMO/IMDG):
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
UN No.: 1993
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Contains: White Mineral Oil (Petroleum))
Class: 3
Packaging Group: III
EMS No.: F-E, S-E
Special Provision(s): 223 274 955

Air Transport (ICAO/IATA):
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
UN No.: 1993
Proper Shipping Name: Flammable liquid, n.o.s. (Contains: White Mineral Oil (Petroleum))
Class: 3
Packaging Group: III
Label: Flammable liquid
Packaging Instructions (passenger & cargo): 355
Packaging Instructions (cargo only): 366
Special Provision(s): A3

U.N. Number 1993

UN proper shipping name FLAMMABLE LIQUID, N.O.S. - (Contains: White Mineral Oil (Petroleum))

Transport hazard class(es) 3

Hazchem Code •3Y

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Packing Group	III
EPG Number	3A1
IERG Number	14
IMDG Marine pollutant	No

15. Regulatory information

Regulatory Information	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
Poisons Schedule	S5
AICS (Australia)	The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

16. Other Information

Date of preparation or last revision of SDS	SDS reviewed: June 2013 Supersedes: July 2008
Literature References	Standard for the Uniform Scheduling of Medicines and Poisons. Approved criteria for classifying hazardous substances [NOHSC:1008(2004)]. National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)]. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants, Safe work Australia. American Conference of Industrial Hygienists (ACGIH) ...End Of MSDS...

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