

Infosafe No™ IA1SF	Issue Date : June 2013	ISSUED by MOTORONE
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Product Name : **MING ENVIROSHIELD 2000 PAINT PROTECTION**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** MING ENVIROSHIELD 2000 PAINT PROTECTION

**Product Code** DB 06

**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** A paint protection polish for vehicles.

Other Names	<u>Name</u>	<u>Product Code</u>
	WAXGUARD 2000N	

## 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)

Hazardous to the Aquatic Environment - Acute Hazard: Category 2  
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2  
Aspiration Hazard: Category 1  
Flammable Liquids: Category 4  
Skin Corrosion/Irritation: Category 2

**Signal Word (s)** Danger

**Hazard Statement (s)** H227 Combustible liquid  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H411 Toxic to aquatic life with long lasting effects.

**Pictogram (s)** Environment, Exclamation mark, Health hazard



**Precautionary statement – Prevention** P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P264 Wash hands and skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response** INGESTION  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331 Do NOT induce vomiting.

SKIN  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
OHTER  
P370+P378 In case of fire: Use foam, dry chemical, carbon dioxide, water fog or water spray for extinction.  
P391 Collect spillage.

**Precautionary statement – Storage** P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

**Precautionary statement – Disposal** P501 Dispose of contents/container to an approved waste disposal plant.

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### 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Solvent naphtha	64742-88-7	>60-100 %
	Wax emulsion	68441-17-8	0-<10 %
	Perfume		0-<10 %
	Polydimethylsiloxane	63148-62-9	0-<10 %
	Polymer		
	Alkyl dimethyl ammonium chloride	68424-85-1	0-<1 %

### 4. First-aid measures

<b>Inhalation</b>	Remove the source of contamination or move the affected person to fresh air. Apply artificial respiration if not breathing. Seek medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally have affected person place head below hip level in order to reduce risk of aspiration. Seek immediate medical attention.
<b>Skin</b>	Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. If symptoms develop seek medical attention.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.
<b>First Aid Facilities</b>	Eye wash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use foam, dry chemical, carbon dioxide, water fog or water spray.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon dioxide and carbon monoxide.
<b>Specific hazards arising from the chemical</b>	Combustible liquid. Can readily form flammable mixtures at or above the flash point of 66°C.
<b>Hazchem Code</b>	•3Z
<b>Decomposition Temp.</b>	Not available
<b>Precautions in connection with Fire</b>	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

### 6. Accidental release measures

<b>Emergency Procedures</b>	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

<b>Precautions for Safe Handling</b>	Wear appropriate protective equipment to prevent exposure. Use in designated areas with adequate ventilation. Avoid breathing in spray, mist or vapours. Keep containers closed when not in use. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
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<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.
<b>Storage Regulations</b>	Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure standards have been established for this material, however, the TWA Safe Work, Australia exposure standards for oil mist, refined mineral oil is 5 mg/m <sup>3</sup> . As with all chemicals, exposure should be kept to the lowest possible levels. 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.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Appropriate engineering controls</b>	Provide sufficient ventilation to keep airborne levels as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.
<b>Respiratory Protection</b>	Not required under normal conditions of use. However, if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist 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.
<b>Eye Protection</b>	Safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Use chemical resistant gloves, eg. laminated film or nitrile. Final choice of appropriate gloves will vary according to individual circumstances ie. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist.

## 9. Physical and chemical properties

<b>Appearance</b>	Two phase opaque liquid.
<b>Odour</b>	Sweet
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	>187°C
<b>Solubility in Water</b>	Insoluble
<b>Solubility in Organic Solvents</b>	Not available
<b>Specific Gravity</b>	0.78 - 0.82
<b>pH</b>	Not applicable

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<b>Vapour Pressure</b>	0.10 kPa at 20°C
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	Not available
<b>Volatile Component</b>	94.0 - 95.0%
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Flash Point</b>	66°C (closed cup)
<b>Flammability</b>	Combustible liquid
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	0.70%
<b>Flammable Limits - Upper</b>	6.0%

## 10. Stability and reactivity

<b>Reactivity</b>	Will react with incompatible materials.
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Heat and other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Ingestion</b>	May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death. May cause irritation to the mouth, throat, esophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation to nasal passages, nausea and dizziness.
<b>Skin</b>	Irritating to skin. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
<b>Eye</b>	May cause eye irritation, tearing, stinging, blurred vision, and redness.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitiser.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitiser.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Not considered to be a carcinogenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Not expected to cause toxicity to a specific target organ.

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**Aspiration Hazard** May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death.

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

**Persistence and degradability** Not available

**Mobility** Not available

**Bioaccumulative Potential** Not available

**Environmental Protection** Do not allow product to enter drains, waterways or sewers.

## 13. Disposal considerations

**Disposal Considerations** The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

## 14. Transport information

### Transport Information

Australia:

This material is classified as Dangerous Goods Class 9 Miscellaneous substances according to The Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).

Class 9 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1, Explosives (when the class 9 substance is a fire risk substance),
- Division 5.1, Oxidising substances (when the class 9 substance is a fire risk substance), and
- Division 5.2, Organic peroxides (when the class 9 substance is a fire risk substance).

Note: Special Provision AU01

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in:

- a) packagings;
- b) IBCs; or
- c) any other receptacle not exceeding 500 Kg(L).

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.: 3082

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: Solvent naphtha)

DG Class: 9

Packaging Group: III

EMS No.: F-A, S-F

Special provision(s): 274 335

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: 3082

Proper Shipping Name: : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: Solvent naphtha)

Class: 9

Packing Group: III

Label: Miscellaneous

Packing Instruction: 964 (For passenger and cargo aircraft)

Packing Instruction: 964 (For cargo aircraft only)

Special provision(s): A97 A158

**U.N. Number**

3082

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**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (Contains: Solvent naphtha)  
**Transport hazard class(es)** 9  
**Hazchem Code** •3Z  
**Packing Group** III  
**EPG Number** 9C1  
**IERG Number** 47  
**IMDG Marine pollutant** Yes

## 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

## 16. Other Information

**Date of preparation or last revision of SDS** MSDS Reviewed: June 2013  
Supersedes: December 2002, July 2008  
**Literature References** Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons. 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). Globally Harmonised System of classification and labelling of chemicals.  
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