

# SAFETY DATA SHEET

## ALTITUDE DE-WAXER CONCENTRATE

Infosafe No.: LQ371  
ISSUED Date: 08/03/2017  
Issued by: MotorOne Group Pty Ltd

### 1. IDENTIFICATION

#### GHS Product Identifier

ALTITUDE DE-WAXER CONCENTRATE

#### 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

Used to wash vehicle and remove wax already on the vehicle.

### 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)

Acute Toxicity - Oral: Category 4

Eye Damage/Irritation: Category 1

#### Signal Word (s)

DANGER

#### Hazard Statement (s)

H302 Harmful if swallowed.

H318 Causes serious eye damage.

#### Pictogram (s)

Corrosion, Exclamation mark



#### Precautionary statement – Prevention

P264 Wash contaminated skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary statement – Response

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P330 Rinse mouth.

**Precautionary statement – Disposal**

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Ingredients**

| Name                                             | CAS       | Proportion |
|--------------------------------------------------|-----------|------------|
| Hydrogen peroxide                                | 7722-84-1 | <=10 %     |
| Other ingredients determined not to be hazardous |           | Balance    |

### 4. FIRST-AID MEASURES

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**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 immediate medical attention.

**Skin**

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

**Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

### 5. FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

**Hazards from Combustion Products**

Non-combustible liquid

**Specific Hazards Arising From The Chemical**

Non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn. Oxygen is liberated during decomposition, supporting combustion of other materials.

**Hazchem Code**

2R

**Decomposition Temperature**

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. Fight fire from safe location.

## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency Procedures

Evacuate all unprotected personnel. Do not allow contact with skin and eyes. Do not breathe mist/vapour. As a water based product, if spilt on electrical equipment the product will cause short-circuits. It is essential to wear self-contained breathing apparatus (S.C.B.A) and full personal protective equipment and clothing to prevent exposure. Avoid exposure to spillage by collecting the material using vacuum and transfer into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to 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.

## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

Hydrogen peroxide

TWA: 1 ppm, 1.4 mg/m<sup>3</sup>

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.

### Biological Limit Values

No biological limits allocated.

### Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian 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 full face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material. 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 workwear, 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

| Properties                             | Description            | Properties                | Description    |
|----------------------------------------|------------------------|---------------------------|----------------|
| Form                                   | Liquid                 | Appearance                | Clear liquid   |
| Odour                                  | Mild citric odour      | Decomposition Temperature | Not available  |
| Melting Point                          | Not available          | Boiling Point             | 100°C          |
| Solubility in Water                    | Miscible               | Specific Gravity          | 1.02 at 25°C   |
| pH                                     | 4.5                    | Vapour Pressure           | Not available  |
| Vapour Density (Air=1)                 | Not available          | Evaporation Rate          | Not available  |
| Odour Threshold                        | Not available          | Viscosity                 | Not available  |
| Partition Coefficient: n-octanol/water | Not available          | Flash Point               | Not applicable |
| Flammability                           | Non combustible liquid | Auto-Ignition Temperature | Not available  |
| Flammable Limits - Lower               | Not available          | Flammable Limits - Upper  | Not available  |

### Other Information

VOC content: 0 g/L

## 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under normal conditions of storage and handling.

### Reactivity and Stability

Reacts with incompatible materials

### Conditions to Avoid

Direct sunlight, heat, open flame and prolonged storage at elevated temperatures

### Incompatible materials

Avoid contact with combustible materials, copper, cyanides, ferrous metals, heavy metals, strong oxidising agents and organic materials.

### Hazardous Decomposition Products

This product is non-combustible. Oxygen is liberated during decomposition, supporting combustion of other materials.

### Possibility of hazardous reactions

Not available

### Hazardous Polymerization

Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Toxicology Information

Toxicity data for material given below.

### Acute Toxicity - Oral

Hydrogen Peroxide:

LD50 (rat): 1,518 mg/kg

### Ingestion

Harmful if swallowed. Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.

**Inhalation**

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. Pre-existing conditions of the lungs (eg. asthma like conditions) may be aggravated by exposure to this material.

**Skin**

May be irritating to skin. The symptoms may include redness, itching and swelling. Pre-existing conditions of the skin may be aggravated by exposure to this material.

**Eye**

Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

**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.

Hydrogen peroxide is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

**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.

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**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

No ecological data are available for this material.

**Persistence and degradability**

Not available

**Mobility**

Not available

**Bioaccumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Do not discharge this material into waterways, drains and sewers.

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**13. DISPOSAL CONSIDERATIONS**

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**Disposal considerations**

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

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**14. TRANSPORT INFORMATION**

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**Transport Information**

This material is classified as a Division 5.1 (Oxidising Agents) Dangerous Goods

Division 5.1 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Division 2.1, Flammable Gases
- Division 2.3, Toxic Gases
- Class 3, Flammable Liquids
- Division 4.1, Flammable Solids
- Division 4.2, Spontaneously Combustible Substances
- Division 4.3, Dangerous When Wet Substances
- Some Division 5.1 Oxidising substances ( Refer Table 9.2)
- Division 5.2, Organic Peroxides
- Class 6, Toxic and Infectious Substances, if the Class 6 substance is a fire risk substance 1421[/]3293
- Class 7, Radioactive Substances
- Class 8, Corrosive Substances
- Class 9, Miscellaneous Dangerous Goods, if the Class 9 substance is a fire risk substance 1831[/]1812
- Fire risk substances
- Combustible liquids

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.: 2984

Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

Class: 5.1

Packing Group: III

EMS No.: F-H, S-Q

Special Provision(s): 65

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.: 2984

Proper Shipping Name: Hydrogen peroxide, aqueous solution

Class: 5.1

Packing Group: III

Label: Oxidizer

Packaging Instructions (passenger & cargo): 551

Packaging Instructions (cargo only): 555

Special Provision(s): A803

**U.N. Number**

2984

**UN proper shipping name**

HYDROGEN PEROXIDE, AQUEOUS SOLUTION

**Transport hazard class(es)**

5.1

**Packing Group**

III

**Hazchem Code**

2R

**Special Precautions for User**

Not available

**IERG Number**

31

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

## 15. REGULATORY INFORMATION

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### 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

S6

## 16. OTHER INFORMATION

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### Date of preparation or last revision of SDS

SDS reviewed: March 2017

Supersedes: August 2010

### 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.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

### Contact Person/Point

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