

Infosafe No™ LQ30D	Issue Date : January 2014	ISSUED by MOTORONE
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Product Name : **SIX STAR WINDOW TINT CLEANER**

Classified as hazardous

1. Identification

GHS Product Identifier SIX STAR WINDOW TINT CLEANER

Company Name MotorOne Group Pty Ltd

Address 275 Canterbury Road Canterbury
VIC 3126 Australia

Telephone/Fax Number Tel: (03) 8809 2700
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Recommended use of the chemical and restrictions on use Spray on glass cleaning liquid for windows and glazed surfaces.

2. Hazard Identification

Classification of the substance or mixture Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Signal Word (s) Skin Corrosion/Irritation: Category 2
Eye Damage/Irritation: Category 2A
Hazardous to the Aquatic Environment - Acute Hazard: Category 3
Warning

Hazard Statement (s) H315 Causes skin irritation.
H319 Causes serious eye irritation.
H402 Harmful to aquatic life.

Pictogram (s) Exclamation mark



Precautionary statement – Prevention P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response 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.

Precautionary statement – Disposal EYE
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
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>
	2-Butoxyethanol	111-76-2	0-10 %
	Ammonium hydroxide	7664-41-7	<0.5 %
	Ingredients determined		Balance
	not to be hazardous.		

4. First-aid measures

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

Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

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Skin	Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.
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. Seek medical attention.
First Aid Facilities	Eyewash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media	Use extinguishing media that are suitable for the surrounding combustible materials.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
Specific hazards arising from the chemical Decomposition Temp.	This product is non combustible. However heating can cause expansion or decomposition leading to violent rupture of containers. Not available
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Slippery when spilt - avoid accidents. Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. 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	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. Avoid inhalation of vapours and mists, and skin or eye contact. 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 closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:
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Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Ammonium hydroxide	25	17	35	24	-
2-Butoxyethanol	20	96.9	50	242	Sk

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.

'Sk' Notice: Absorption through the skin may be a significant source of

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Biological Limit Values	exposure. The exposure standard is invalidated if such contact should occur. Name: 2-butoxyethanol Determinant: Butoxyacetic acid (BAA) in urine* Value:: 200mg/g creatinine Sampling time: end of shift. *with hydrolysis
Appropriate engineering controls	Source: American Conference of Industrial Hygienists (ACGIH) 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.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable 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.
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 PVC. Final choice of appropriate gloves will vary according to individual circumstances i.e. 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.
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	Liquid
Colour	Pale/clear
Odour	Mild
Decomposition Temperature	Not available
Melting Point	0°C (approximate)
Boiling Point	100°C (approximate)
Solubility in Water	Complete
Solubility in Organic Solvents	Not available
Specific Gravity	1.00 ± 0.005
pH	10.5 - 11.5
Vapour Pressure	24mmHg (20°C)
Vapour Density (Air=1)	Not available
Evaporation Rate	As per water.
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 applicable

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Flammable Limits - Lower Not applicable

Flammable Limits - Upper Not applicable

10. Stability and reactivity

Reactivity Reacts with incompatibles.

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid Extremes of temperature and direct sunlight. Avoid contact with foodstuffs.

Incompatible Materials Not available

Hazardous Decomposition Products Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Hazardous Polymerization Will not occur.

11. Toxicological Information

Toxicology Information No toxicity data available for this product.

Ingestion Ingestion of this product may irritate the gastric tract causing nausea, vomiting, headache and dizziness.

Inhalation Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination and impaired judgement.

Skin Irritating to skin. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

Eye Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

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.
2-Butoxyethanol 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.

12. Ecological information

Ecotoxicity Harmful to aquatic life.

Persistence and degradability Readily Biodegradable.

Mobility Not available

Bioaccumulative Potential Not available

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

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13. Disposal considerations

Disposal Considerations Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

14. Transport information

Transport Information Road and Rail Transport (ADG Code):
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule Not Scheduled

16. Other Information

Date of preparation or last revision of SDS SDS Created: January 2014

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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