



# SAFETY DATA SHEET

According to  
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

## Section 1: Identification of the Substance/Mixture and of the Supplier

Product: **Clear View Glass Cleaner**  
Product Use: Vehicle Windscreen Cleaner  
Restriction of Use: Refer to Section 15

Company Details: **Marketing Chemicals Ltd**  
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Emergency No: **+64 274 736008(24 hours)**  
**0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 25 November 2019 v2

## Section 2: Hazard Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

**EPA Approval No: Cleaning Products (subsidiary) - HSR0002530**

### Pictograms:



Irritant

Signal Word: **Warning**

HSNO Classes	Hazard Code	Hazard Statement	GHS Category
6.3B	H316	Causes mild skin irritation.	Skin Irrit. 3
6.4A	H319	Causes serious eye irritation.	Eye Irrit. 2A

Prevention Code	Prevention Statement
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing as detailed in Section 8.

Response code	Response Statement
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
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Product Name: Clear View Glass Cleaner  
Date of SDS: 25 November 2019

Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

### Section 3: Composition/Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Aqua Ammonia	<10	1336-21-6
2 Butoxyethanol	≤10	111-76-2
Water	To bal	7732-18-5

### Section 4: First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If on Skin	Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
If Swallowed	Rinse mouth. Do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Call a POISON CENTER or doctor/physician if you feel unwell.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

#### Most important symptoms and effects, both acute and delayed

Symptoms:

<b>Ingestion</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Skin</b>	Causes mild skin irritation.
<b>Eyes</b>	Causes serious eye irritation.
<b>Chronic</b>	Not applicable.

### Section 5: Fire Fighting Measures

<b>Hazard Type</b>	Non Flammable.
<b>Hazards from Decomposition products</b>	None known.
<b>Suitable Extinguishing media</b>	All
<b>Precautions for firefighters and special protective clothing</b>	Wear full protective gear.
<b>HAZCHEM CODE</b>	None allocated

### Section 6: Accidental Release Measures

Wear protective clothing as detailed in Section 8. Evacuate all unnecessary personnel. Clean up all spills immediately to prevent secondary accidents.

Do not allow to enter waterways.

Mop up with plenty of water and run to waste, diluting with copious amounts of running water. Dispose as per Section 13.

## Section 7: Handling and Storage

### PROCEDURE FOR HANDLING

- Read label before use.
- Avoid breathing fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Clean up all spills immediately to prevent secondary accidents.
- Wear protective gloves/protective clothing as detailed in Section 8.

### STORAGE REQUIREMENTS

- Store away from incompatible materials listed in Section 10.

## Section 8: Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Butyl glycol ether [111-76-2]	25	121	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2017 9TH EDITION.

### Personal Protection Equipment



<b>Engineering Controls:</b>	General (mechanical) room ventilation is considered satisfactory in enclosed spaces.
<b>Eye / Face Protection:</b>	Safety Glasses/Full face masks
<b>Body Protection:</b>	PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.
<b>Respiratory Protection:</b>	Not required.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Blue
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Non Flammable
<b>Upper and Lower Explosive Limits</b>	Not available

<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Specific Gravity</b>	0.90
<b>Solubility in Water</b>	Completely
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not applicable

## Section 10: Stability and Reactivity

<b>Stability of the Substance:</b>	Stable under normal storage and use conditions.
<b>Conditions to avoid:</b>	None known.
<b>Materials to avoid:</b>	Oxidising agents
<b>Hazardous Decomposition Products:</b>	No data available
<b>Conditions Contributing to Hazardous Polymerization</b>	Will not occur

## Section 11: Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes severe eye irritation.
<b>Skin</b>	Causes mild skin irritation.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

### Individual component information:

#### Acute Toxicity:

<b>Chemical Name</b>	<b>Oral – LD50</b>	<b>Dermal – LD50</b>	<b>Inhalation – LC50</b>
Aqua Ammonia (Cas No 1336-21-6)	350mg/kg(rat)	-	-
2 Butoxyethanol (Cas no 111-76-2)	1414mg/kg (Guinea pig)	210 – 2000 mg/kg (guinea pigs)	2.174mg/l (rat) Dust/mist

## Section 12: Ecotoxicological Information

This product is not hazardous to the environment.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

## Section 13: Disposal Considerations

### Disposal Method:

Triple rinse container and dispose according to Local Regulations.

**Precautions or methods to avoid:** Avoid release to the environment.

## Section 14: Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

## Section 15: Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Cleaning Products(subsidiary) - HSR002530

HSNO Classification: 6.3B, 6.4A

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	None

## Section 16: Other Information

### Glossary

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

### References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

### Disclaimer

Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

Product Name: Clear View Glass Cleaner  
Date of SDS: 25 November 2019

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