



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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0800 764 766 (National Poison Centre)

Date of SDS Preparation: 25 November 2024 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 |
|---------------|--------------------|
|---------------|--------------------|

Product Name: Clear View Glass Cleaner
Date of SDS: 25 November 2024

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:

| | |
|-------------------|--------------------------------|
| Ingestion | Not applicable. |
| Inhalation | Not applicable. |
| Skin | Causes mild skin irritation. |
| Eyes | Causes serious eye irritation. |
| Chronic | Not applicable. |

Section 5: Fire Fighting Measures

| | |
|---|----------------------------|
| Hazard Type | Non Flammable. |
| Hazards from Decomposition products | None known. |
| Suitable Extinguishing media | All |
| Precautions for firefighters and special protective clothing | Wear full protective gear. |
| HAZCHEM CODE | 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 ³ | ppm | mg/m ³ |
| 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



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

Section 9: Physical and Chemical Properties

| | |
|---|---------------|
| Appearance | Liquid |
| Colour | Blue |
| Odour | Not available |
| Odour Threshold | Not available |
| pH | Not available |
| Boiling Point | Not available |
| Melting Point | Not available |
| Freezing Point | Not available |
| Flash Point | Not available |
| Flammability | Non Flammable |
| Upper and Lower Explosive Limits | Not available |

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

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

Acute Effects:

| | |
|-------------------|-------------------------------|
| Swallowed | Not applicable. |
| Dermal | Not applicable. |
| Inhalation | Not applicable. |
| Eye | Causes severe eye irritation. |
| Skin | Causes mild skin irritation. |

Chronic Effects:

| | |
|-------------------------------|-----------------|
| Carcinogenicity | Not applicable. |
| Reproductive Toxicity | Not applicable. |
| Germ Cell Mutagenicity | Not applicable. |
| Aspiration | Not applicable. |
| STOT/SE | Not applicable. |
| STOT/RE | Not applicable. |

Individual component information:

Acute Toxicity:

| Chemical Name | Oral – LD50 | Dermal – LD50 | Inhalation – LC50 |
|--------------------------------------|---------------------------|-----------------------------------|------------------------------|
| 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.

| | |
|--------------------------------------|-------------------|
| Persistence and degradability | No data available |
| Bioaccumulation | No data available |
| Mobility in Soil | No data available |
| Other adverse effects | 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 ₅₀ | Median effective concentration. |
| EEL | Environmental Exposure Limit. |
| EPA | Environmental Protection Authority |
| HSNO | Hazardous Substances and New Organisms. |
| HSW | Health and Safety at Work. |
| LC ₅₀ | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| LD ₅₀ | 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 2024

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