

## 1. SUBSTANCE IDENTIFICATION/ PREPARATION AND COMPANY DETAILS

**Product Name:** Window Cleaner

**Recommended use:** Glass and Window Cleaner

**Supplier:** Stelco Chemicals International Pty Ltd  
**ACN:** 151 834 347

**Street Address:** 46 – 48 Henderson Road  
 Rowville Vic 3178  
 Australia

**Telephone:** +61 3 9757 3100  
**Facsimile:** +61 3 9763 8243

**Emergency Telephone Number:** 0412 318 882

## 2. HAZARDS IDENTIFICATION

Not classified as Hazardous according to the criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail

**Poisons Schedule (Aust.):** N/A – Not Applicable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Non-hazardous Components	-	> 60%
Ammonium Hydroxide	1336-21-6	< 1%
2-Butoxy Ethanol	111-76-2	< 5%
Ethanol	64-17-5	< 20%

## 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth with water. Give plenty of water to drink Seek medical assistance.

**Eye contact:** If in eyes, wash out immediately with water. In all cases of eye contamination, it is sensible precaution to seek medical advice.

**Skin contact:** No need for first aid is anticipated

**Inhalation:** No need for first aid is anticipated

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

Refer to section 2 and 11.

### Indication of any immediate medical attention and special treatment needed

**Notes to physician:** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**Specific Hazards:** Non-combustible liquid.

**Fire fighting further advice:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

**Suitable extinguishing media:** Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Clear area of all unprotected personnel. Wear protective equipment to prevent eye contamination.

**Environmental precautions:**  
Avoid release to the environment.

**Methods and materials for containment and clean up:** Contain - prevent runoff into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal. Wash down area with excess water.

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact and breathing in vapour, mists or aerosols.

**Storage:** Keep containers closed at all times - check regularly for leaks.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituents(s):

Chemical name	CAS No.	TWA (ppm)	TWA (mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Advisory carcinogen category	Other advisory information
Ethanol	64-17-5	1000	1880	-	-	-	-
2-Butoxyethanol	111-76-2	20	96.9	50	242	-	-

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

**TWA** – The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

The **STEL** is a 15-minute time weighted average exposure limit which must not be exceeded at any time during an eight hour working day, even if the exposure during the full day is less than the TWA exposure standard. Exposures at the STEL must not be longer than 15 minutes and must not be repeated more than four times per day. There must be at least 60 minutes between successive exposures at the STEL.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should

not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Engineering measures:** Ensure ventilation is adequate and that air concentrations of components are controlled. Keep containers closed when not in use.

**Personal protection equipment:** Gloves – short. Avoid skin and eye contact and breathing in vapours/mist. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour :** Clear blue liquid with alcohol odour.

**Solubility :** Soluble in water.

**Specific Gravity (20C) :** 1.0

**pH (neat) :** 10

## 10. STABILITY AND REACTIVITY

**Reactivity:** No information available.

**Chemical stability:** Product stable under normal conditions of storage and use.

**Possibility of hazardous reactions:** No information available.

**Conditions to avoid:** High temperatures. Open flames.

**Incompatible materials:** Oxidizing agents (e.g. peroxides), strong acids (e.g. hydrochloric acid), halogens (e.g. chlorine).

**Hazardous decomposition products:** No information available.

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects:**

**Acute toxicity / Chronic toxicity:**

No LD50 data available for product. The components in the proportions present are not considered to represent a hazard under conditions of good occupational work practice.

**Skin corrosion/irritation:** May cause skin irritation.

**Serious eye damage/irritation:** May cause eye irritation.

**Respiratory or skin sensitisation:** No data available

**Germ cell mutagenicity:** No data available

**Cancerogenicity:** Non carcinogenic.

**Reproductive toxicity:** No data available  
**Specific Target Organ Toxicity (STOT): - single exposure:** No data available

**Specific Target Organ Toxicity (STOT): - repeated exposure:** No data available

**Aspiration hazard:** No data available

**Main symptoms:** No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

**Ingestion:** Swallowing can result in abdominal pain.

**Eye contact:** Mild eye irritation.

**Skin contact:** No adverse effects expected from skin contact

**Inhalation:** Inhalation of mists or aerosols may produce respiratory irritation.

**Long term effects:** No information available for product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** Avoid release to the environment

## 13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport:** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

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

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

## 15. REGULATORY INFORMATION

Not classified as hazardous according to criteria of Safe Work Australia

**Poisons Schedule (Aust.):** N/A - Not Applicable.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances.

## 16. OTHER INFORMATION

This Material Safety Data sheet has been prepared by Stelco Chemicals International Pty Ltd.

Issue Date: 13.10.2021

Supersedes Issue Date: 11.07.2016

Reason(s) for Issue: Five-year update.

This MSDS summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. As each workplace is different each user must, prior to use, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification of further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.