

SAFETY DATA SHEET

1. Product and Company Identification

Company Name:	Sierra Aust Pty Ltd 17 Delta Street, Geebung Queensland 4034 sales@sierrachem.com.au	Ph (07) 3216 5099 Fx (07) 3216 5199
Emergency Contact:	Sierra (07) 3216 5099	Poisons Information Centre 13 11 26

Product Name: Clear Screen Auto Washer Additive
Product Code: 7126, 7128
Intended Use: Additive for automotive washer bottle
Chemical Nature: Mixture - Liquid

2. Hazards Identification

Non Hazardous Chemical according to classification by Safe Work Australia
Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

GHS Classification: None

GHS Signal Word: None

Hazard Statement: Not Applicable. No known significant effects or critical hazards.

Precautionary Statements:

General: Not applicable

Preventative: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: P501 Dispose of contents/container in accordance with local regulations.

3. Composition / Information on Ingredients

Ingredients Names and Proportions

Chemical Entity	Cas Number	Proportion(%)
Water	7732-18-5	>60
Ethyl Alcohol	64-17-5	<10
2-Butoxyethanol	111-76-2	<5

4. First aid Measures

If Inhaled: Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

In case of eye contact: If in eyes, hold eyes open, flood with water for at least 5 minutes. If irritation persists seek medical attention.

In case of skin contact: Irritation is unlikely. However if irritation does occur, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available

If Ingested: Rinse mouth. If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Symptoms caused by exposure

See Section 11 for more detailed information on health effects and symptoms.

Medical attention and special treatment

Treat symptomatically

5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, water spray, dry chemical powder or sand. Do not use water in a jet

Flammability: Non flammable

Specific Hazards arising from the Chemical: No additional information available

Special protective equipment for fire fighters: Wear full protective clothing and self contained breathing apparatus.

6. Accidental Release Measures

General Response Procedure Avoid accidents, clean up immediately. Slippery when spilled. Avoid contact with eyes and skin. Eliminate all sources of ignition. Increase ventilation.

Containment Stop the leak if safe to do so. Isolate the danger area. Contain the spill and absorb with a proprietary absorbent material, sand or earth.

Clean Up Procedures Spillages are slippery. Large Spills: Wear personal protective equipment to prevent skin and eye contact. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain and collect using a suitable non-flammable absorbent material. Do not allow to enter sewers or any body of water. Place in suitable sealed labelled containers for disposal. Rinse spill area thoroughly with water. Small Spills: Wipe up with cloth or absorbent paper. Wash area down with water.

Environmental Precautionary Measures Use appropriate containment to avoid environmental contamination. Do not let product enter drains, surface water, sewers or water courses. Advise local authorities if this occurs.

Disposal Dispose of in accordance to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

7. Handling and Storage

Precautions for safe handling: Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas.

Conditions for safe storage: Store in a well ventilated area, away from sunlight and other sources of heat. Do not store near strong acids

8. Exposure Controls and Personal Protection

Exposure Control Measures:

Ethyl Alcohol	1000 ppm OSHA TWA 1000 ppm NIOSH TWA 1000 ppm ACGIH STEL	TWA 1880 mg/m ³	STEL -
2-Butoxyethanol	50 ppm OSHA TWA 5 ppm NIOSH TWA 20 ppm ACGIH TWA	96.9 mg/m ³	242 mg/m ³

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Individual Protection Measures:

Personal Protective Equipment	Repeated or prolonged exposure to the material without personal protection should be avoided in order to lessen the possibility of disorders. The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.
Eye Protection	Eye protection such as protective glasses or goggles is recommended when this product is being used.
Skin Protection	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves when skin contact is likely.
Respiratory Protection	Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

9. Physical and Chemical Properties

Appearance:	Clear yellow Liquid	Density (g/ml@15°C):	no data available
Odour:	Bubblegum	Solubility (kg/m ³):	Miscible with water
Initial Boil point range:	no data available	Auto ignition temp (°C)	no data available
Flash point:	no data available	Vapour Density:	no data available
Flammability:	Non Flammable	(air=1 @ 15°C)	
Vapour pressure:	no data available	Upper/lower flammability:	no data available
(kPa@20°C)		or explosive limits (%)	

10. Stability and Reactivity

Reactivity:	Stable under normal conditions of use
Chemical Stability:	Stable under normal conditions of use
Possible Hazardous reactions:	Stable under normal conditions of use
Conditions to avoid:	Avoid heat.
Incompatible materials:	Strong acids.
Hazardous Decomposition products:	Gaseous Ammonia

11. Toxicological Information

Toxicology Information	No data available for this product.
Health Hazard Summary	No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:
Potential Acute Health Effects	
Inhalation	Not normally an inhalation risk under normal conditions of use. Excessive inhalation of spray mist may cause slight irritation of throat, possible headaches and nausea.
Ingestion	No adverse effects expected, however, large amounts may cause irritation to mouth esophagus and stomach. May cause headaches, nausea and vomiting.
Skin Contact	Prolonged skin contact in concentrated or diluted form without rinsing may produce skin irritation characterised by redness or itching.
Eye Contact	The concentrated form may be an eye irritant. Repeated exposure to the eye may produce inflammation of the eye.
Potential Chronic Health Effects	
Carcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards

Reproductive Toxicity No known significant effects or critical hazards

Toxicity Data	ETHANOL (640-17-5):	
	LD50/oral/rat	7060g/kg
	LC50/inhalation/rat	38mg/l/10h
	2-BUTOXYETHANOL (111-76-2):	
	LD50/oral/rat	560mg/kg
	LC50/inhalation/rat	240mg/l/4h

12. Ecological Information

Ecotoxicity	No information available for this product.
Persistence/ Degradability	No information available for this product.
Mobility	No information available for this product.
Bioaccumulative Potential	No information available for this product.
Environmental Protection	Avoid contaminating waterways. Do not discharge into storm water or waterways.

13 Disposal Considerations

Ensure waste disposal conforms to local waste disposal regulations.

14. Transport Information

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. Regulatory Information

Classification of the substance or mixture:

Skin Corrosion - Sub-category 1C

Specific target organ toxicity (single exposure) - Category 3

Acute Aquatic Toxicity - Category 1

Hazard Statement(s):

Causes skin irritation

Causes serious eye irritation.

Harmful to aquatic life.

Poisons Schedule (SUSMP):

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

16. Other Information

This SDS contains only safety related information. For other information see product literature.

Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.