

SAFETY DATA SHEET

Section 1: IDENTIFICATION

CLEAR REFLECTIONS SUPER CONCENTRATE

Recommended use: Super Concentrated Window & Glass Cleaner.

Product Code: 230072 (4x2.5L)

Whiteley Industrial

A division of Whiteley Corporation Pty. Ltd. (A.C.N 000 906 678)

Postal Address: P.O. Box 1076 North Sydney NSW 2059

Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077

Web: www.whiteley.com.au

Emergency Telephone Number: Poisons Information Centre 131126 (Australia)

Distributed in New Zealand by:

Whiteley Corporation NZ Limited

Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640

Telephone Number: 092737313, 0800 257 352

Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

Section 2: HAZARDS

GHS Classification

Flammable liquid (Category 2)

Skin Corrosion (Category 1)

Single Target Organ Toxicity – Single Exposure (Category 3)

Signal Word **DANGER**

Hazard Statements

H225	Highly flammable liquid and vapour
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

Precautionary Statements

P210	Keep away from open flames. No smoking
P233	Keep container tightly closed.
P261	Avoid breathing mist/spray.
P264	Wash hands thoroughly after using
P280	Wear protective gloves and eye protection.

Response Statements

P301 + P330	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 +	IF ON SKIN (or hair): Remove contaminated clothing. Wash with plenty of soap and water.

P361 + P352	
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE or doctor/physician.
P362	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of fire: Use water for extinction.

Storage Statements

P403 + cool. P235	Store in a well-ventilated place. Keep
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Disposal Statements

P501	Dispose of container in accordance with local regulation.
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Product is non hazardous when diluted according to the label directions.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ethanol	64-17-5	30-60%
Ethanolamine	141-43-5	<10%
Ingredients deemed not to be hazardous	Not applicable	To 100%

Section 4: FIRST AID

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre (Phone 131126) or a doctor, or for at least 15 minutes.
Skin (Contact)	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs seek medical advice. Wash contaminated clothing before reuse.
Inhalation(Breathing) Ingestion (Swallowing)	Remove promptly to fresh air. Apply artificial respiration if not breathing. DO NOT induce vomiting. For advice, contact a Poisons Information Centre or a doctor.
Advice to Doctor	Treat as for excess of alcoholic drink. Advice on emergency treatment of alcohol poisoning can be found in standard texts on Emergency Medicine.
First Aid Facilities	Ensure an eye wash is available for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Use water fog (or if unavailable fine water spray), dry chemical, carbon dioxide or alcohol stable foam.
Hazards From Combustion Products	Carbon dioxide and carbon monoxide may be produced in the case of fire or during thermal decomposition.
Precautions For Fire Fighters and Special Protective Equipment	Firefighters should wear self-contained breathing apparatus (SCBA) and complete protective clothing. Keep containers cool by spraying with water.
Additional Information	Hazchem Code – 3[Y]

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide - 14. Eliminate all sources of ignition. Ventilate area thoroughly and wear a suitable respirator if necessary to minimise inhalation. Wear suitable personal protective equipment such as protective gloves to prevent skin contact.
Spills / Clean up	Eliminate all sources of ignition. Stop leak if safe to do so. Prevent spill entering waterways. For larger spills (greater than 1L) – contain spill by placing inert, non-combustible absorbent material such as toweling, vermiculite, sand or dirt onto spill. For small spills (less than 1L) – can be wiped up using clean rags. Collect material using non-sparking tools and place into a suitable container for disposal according to local regulations. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container. Wash thoroughly after handling product.
Conditions for Safe Storage	Store as Class 3 Flammable Liquid in accordance with Australian Standard 1940, The storage and handling of flammable and combustible liquids. Store in tightly closed containers in cool, dry, isolated and well ventilated areas away from heat, sources of ignition and incompatible materials. Do not eat, drink or smoke in areas of use or storage.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003] & New Zealand Workplace Exposure Standards 2002.

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Ethanol	64-17-5	1000ppm	-
Ethanolamine	141-43-5	3ppm	6ppm

Biological Limit Values No data available.

Engineering Controls When used in confined spaces respiratory protection may be required to keep concentrations below exposure standard limits, see Personal Protective Equipment.

Personal Protective Equipment

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use Nitrile gloves or similar to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if required use a half face filter respirator suitable for organic vapours.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES			
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Appearance	Blue liquid	Odour	Mild
Odour Threshold	No data available	pH	11.5
Freezing Point	No data available	Initial Boiling Point	No data available
Boiling Range	No data available	Flash point	28°C
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	19%	Lower flammability limit	3%
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	0.875 – 0.925	Solubility	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	Approx. 1 cPs

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Product is stable and will not undergo any hazardous reactions under normal conditions of use and storage.
Conditions to avoid	Avoid heat, sparks and high temperatures (store below 30°C). Do NOT store in direct sunlight. Protect against physical damage.
Incompatible materials	Will react with strong oxidizing agents.
Hazardous decomposition products	None known.
Hazardous reactions	None known.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	No data available.
Skin corrosion/ irritation	Product causes irritation, pain and reddening on contact with skin. Serious burns may result if not treated immediately.
Serious eye damage/ irritation	Product causes irritation, pain and reddening on eye contact. Serious, permanent eye damage may result if not treated immediately.
Respiratory or skin sensitization	No data available.
Germ Cell Mutagenicity	No data available.
Carcinogenicity	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	Inhalation of spray or mist may cause irritation to the respiratory system
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 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	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
Special precautions	Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1993
UN Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Class and subsidiary risk	3 – Flammable
Packing Group	3
Special precautions for user	None known
Hazchem Code	3[Y]

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

HSNO Approval Code: HSR002529

This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

Section 16: OTHER INFORMATION

Date of preparation: 17th May 2016

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