



MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

ZEST

Recommended Use: Bathroom Cleaner.

Product Code: 260059A (12x500ml), 260052B (2x5L), 260057 (15L).

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
Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Classified as hazardous by the criteria of NOHSC.

Irritant.

R36/38: Irritating to eyes and skin.

S24/25: Avoid contact with skin & eyes

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
Phosphoric acid	7664-38-2	<10%

Section 4: FIRST AID

Eye (Contact)	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water.
Inhalation(Breathing)	Not volatile at room temperatures.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Ensure an eye bath and safety shower are available and ready 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 extinguishing media suited to the materials that are burning. eg. Dry chemical, CO ₂ or water spray.
Hazards From Combustion Products	Carbon dioxide, carbon monoxide and other toxic gases may be produced in the case of fire.
Precautions For Fire Fighters and Special Protective Equipment	Firefighters should wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure that no spillage enters drains or water courses. Remove from the vicinity containers not involved in the fire.
Additional Information	Hazchem Code – Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable
Spills / Clean up	Clean up personnel should wear personal protective equipment. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. 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 damage or personal injury. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Conditions for Safe Storage	Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Phosphoric acid	7664-38-2	1mg/m ³	3mg/m ³

Biological Limit Values Not available.

Engineering Controls Ensure adequate ventilation to keep airborne concentrations below exposure standards. If air contaminant levels exceed exposure limits, respiratory protection is required, see Personal Protective Equipment.

Personal Protective Equipment

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

Skin protection – Use rubber gloves, etc. to prevent skin contact.

Respiratory protection – If necessary, use a suitable respirator.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear green, viscous liquid	Boiling Point approximately 100°C
Odour Characteristic	Freezing Point approximately 0°C
pH 2.0 – 2.5	Solubility Soluble in water.
Specific Gravity 1.045-1.070	Flash Point Not Applicable.
Vapour Pressure Not Available.	Upper and Lower Flammability limits (in air) Not Applicable.
Vapour Density Not Available.	Ignition Temperature Not Applicable.

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid high temperatures (store below 30°C). Protect against physical damage.
Incompatible materials	Alkaline materials & chlorine based materials. Do not mix with other chemicals.
Hazardous decomposition products	None known.
Hazardous reactions	None known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS**Acute**

Swallowed Considered an unlikely route of entry in commercial / industrial environments. May be irritating to gastro-intestinal tract.

Eye May cause irritation and burning.

Skin May cause irritation and reddening.

Inhaled None known.

Chronic

Swallowed No effects known.

Eye No effects known.

Skin No effects known.

Inhalation No effects known.

TOXICITY DATA

Phosphoric acid

LD₅₀ 1530mg/kg (oral, rat)

RTECS TB6300000

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Not known.

Persistence and degradability Not known.

Mobility Not known.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.

Special precautions Normally suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number Not applicable.

UN Proper Shipping Name Not applicable.

Class and subsidiary risk Not applicable.

Packing Group Not applicable.

Special precautions for user Not applicable.

Hazchem Code Not applicable.

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable.

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

Section 16: OTHER INFORMATION

Prepared by: K. Duncum **Date of preparation:** 4 January 2006
Position: Regulatory Compliance Technician

© This document remains property of Whiteley Corporation Pty Ltd.
Alterations are not permitted without prior written authorisation
from Whiteley Corporation Pty Ltd.